

Phase I Environmental Site Assessment

Prepared for Newport Chemical Depot Reuse Authority

West and Southwest Parcel Areas

Newport, Indiana

Project No. 108450

July 3, 2018

Phase I Environmental Site Assessment

West and Southwest Parcel Areas Newport, Indiana

prepared for

Newport Chemical Depot Reuse Authority

Project No. 108450 July 3, 2018

prepared by

Burns & McDonnell Engineering Company, Inc. Chicago, Illinois

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NOTICE

This report is an instrument of service prepared by Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) for the exclusive use of the Newport Chemical Depot Reuse Authority (NeCDRA or User). In order to create a report on which NeCDRA could rely, Burns & McDonnell worked closely with NeCDRA in the development of the scope of services upon which all subsequent tasks have been based. No party other than NeCDRA is permitted by Burns & McDonnell to rely on this instrument of Burns & McDonnell's service.

According to ASTM International (ASTM), Phase I Environmental Site Assessments (ESAs) are conducted to permit the user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchase limitations on Comprehensive Environmental Response Compensation and Liability Act (CERCLA) liability (hereinafter, the "landowner liability protections" or "LLPs"): that is the practice that constitutes "all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice" as defined at 42 United States Code (USC) § 9601(35)(B). Additionally, an evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this practice. The opinions relative to known or suspect environmental conditions given in this report are based upon information derived from the most recent site reconnaissance and other activities described in the report.

The most recent site reconnaissance was performed on June 14, 2018. NeCDRA is advised that the conditions observed by Burns & McDonnell are subject to change. Certain indicators of the presence of hazardous substances and petroleum products may have been latent at the time of the most recent Site reconnaissance and may subsequently have become observable. In a similar manner, the research effort conducted for a Phase I ESA is limited. Accordingly, it is possible that Burns & McDonnell's research, while fully appropriate for a Phase I ESA, failed to indicate the existence of important information sources. Assuming such sources actually exist, the information could not have been considered in the formulation of Burns & McDonnell's findings and opinions.

A Phase I ESA is a service whose basic elements are determined by the standard of care prevailing at the time the service was rendered in the area where it was rendered. Because standards of care can be identified only through retrospective inquiry, Burns & McDonnell has applied the standard of care as published by ASTM Standard Practice E1527-13, which incorporates the All Appropriate Inquiries (AAI)

Final Rule (40 Code of Federal Regulations [CFR] 312). By definition, such standards set forth minimum requirements.

Problems have arisen in the past because people and organizations have assumed, improperly, that they could rely on a Phase I ESA report developed for another party. So, there is no confusion in this respect, recognize that NeCDRA is the only intended beneficiary of this report and is considered the "user" as defined by ASTM Standard Practice E1527-13. NeCDRA is the party to which Burns & McDonnell has explained the risks involved and which has been involved in the shaping of the scope of services needed to satisfactorily manage those risks from NeCDRA's perspective. Accordingly, reliance on this report by any party other than NeCDRA would result in reliance on assumptions whose extent and nature would distort the meaning and impact of the findings and opinions related herein. Reliance on this report would in turn result in misinterpretation of these findings and opinions and potentially unwise actions based on those misinterpretations. Burns & McDonnell's findings and opinions related in this report may not be relied upon by any party except NeCDRA.

EXECUTIVE SUMMARY

This Executive Summary Does Not Fully Summarize Findings and Opinions Findings and Opinions Are Related Through the Full Report Only

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) was retained by Newport Chemical Depot Reuse Authority (NeCDRA), to conduct a Phase I Environmental Site Assessment (ESA) of the property located within the boundaries of the Vermillion Rise Mega Park (former Newport Chemical Depot), Vermillion County, Indiana 47847 (the Property or the Site). The Site consists of two separate parcels. The West Parcel comprises approximately 330 acres and is in Sections 15 and 16, Township 16 North, Range 10 West. The Southwest Parcel comprises approximately 151 acres and is in Section 18, Township 16 North, Range 10 West. The Site Parcels are shown on the Dana, Indiana U.S. Geological Survey (USGS) topographic map. A Site vicinity map showing the Site Parcels and the surrounding area is provided in Appendix A.

This assessment has been conducted in accordance with the scope and limitations of ASTM International (ASTM) Standard Practice E1527-13 and the All Appropriate Inquiries (AAI) Final Rule (40 Code of Federal Regulations [CFR] 312). Any exceptions to or deviations or deletions from, this practice are described in Section 1.4 and Chapter 10.0 of this report. Burns & McDonnell visually surveyed the Site and adjoining land from public points of view. Burns & McDonnell examined readily available environmental records associated with the Site and interviewed persons, identified by NeCDRA, possessing knowledge of the current and former uses of the Site. Burns & McDonnell reviewed historical records including Sanborn fire insurance maps, aerial photographs, topographic maps, and a local city directory search.

The Property consists of two separate parcels. The West Parcel comprises approximately 330 acres, and the Southwest Parcel comprises approximately 151 acres. A map of the Property parcels is attached in Appendix A. The Site Parcels are currently used for cultivated agricultural land with areas of woodland. According to historical sources, the Site Parcels have been used as cultivated agricultural land since pre-1941 and were part of the land owned by the Newport Chemical Depot from 1941 to 2011 but not used for any purposes other than perimeter farmland. From the time that the Site Parcels were transferred to NeCDRA in 2011 to the present, they continued being used as farmland with woodland.

The Site Parcels were not identified on the database report. Environmental Data Resources (EDR) identified one site with insufficient street address information to locate it on the EDR report with respect to the Site Parcels. These unplottable sites are called "orphan sites" in this report. Burns & McDonnell

determined that the orphan site (the former US Coast Guard Long Range Navigation (LORAN) Station) is potentially within the ASTM-defined search radii of the Site. A copy of the database report prepared by EDR is provided in Appendix E.

Burns & McDonnell performed this Phase I ESA to identify *Recognized Environmental Conditions*, as defined in Section 1.1, associated with the Site and other issues that may not meet the definition of a *Recognized Environmental Condition*, but that Burns & McDonnell considers potential environmental concerns associated with the Site.

RECOGNIZED ENVIRONMENTAL CONDITIONS

Burns & McDonnell performed a Phase I ESA of the Site in conformance with the scope and limitations of ASTM Standard Practice E1527-13. Any exceptions to, or deviations or deletions from, this practice are described in Section 1.4 and Chapter 10.0 of this report. This Phase I ESA has revealed no evidence of *Recognized Environmental Conditions* in connection with the Site Parcels.

CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

Controlled Recognized Environmental Conditions are a subset of Recognized Environmental Conditions. This Phase I ESA has revealed no evidence of Controlled Recognized Environmental Conditions in connection with the Site, except for the following:

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

This Phase I ESA has revealed no evidence of *Historical Recognized Environmental Conditions* in connection with the Site.

POTENTIAL ENVIRONMENTAL CONCERNS

This Phase I ESA has revealed no evidence of *Potential Environmental Concerns* in connection with the Site, except for the following:

• Farmstead buildings were historically located on the Site Parcels. According to information in the Archeological Report, remnants of the farmsteads including demolition debris (concrete foundation, metal, bricks, glass), a concrete foundation, iron machine parts, and possible locations of two former water wells. Examples of such debris might include building demolition debris that

- could include asbestos-containing material (ACM) such as pipe insulation, floor tile, roofing, or siding. The presence of the former farmsteads is a *Potential Environmental Concern*.
- The Site Parcels were used for agricultural purposes from at least 1941 until 2018. There is the potential for pesticides and/or herbicides to have been used on the Site Parcels such that they are still present in the soil or groundwater. The use of agricultural chemicals on the Site Parcels is considered a *Potential Environmental Concern*.

DE MINIMIS ENVIRONMENTAL CONDITION

The following *de minimis* was identified in connection with the Site:

The Site Parcels were historically land owned by the US Army as part of the former Newport Chemical Depot. The Site Parcels are located on the west and south perimeter of the former Newport Chemical Depot and were acquired in 1941 as part of that facility. The Newport Chemical Depot manufactured explosives and chemical weapons during the period from the 1940s to the 1970s. The environmental conditions at the Newport Chemical Depot were evaluated as part of transfer of ownership from the US Army to the Newport Chemical Depot Reuse Authority. The nearest upgradient environmental impacts to either of the Site Parcels is the former TNT Burning Ground (TNT-BG) area, which is located approximately 1/4-mile north of the Southwest Parcel. The TNT-BG area was used by the US Army to dispose of burned TNT residue in the 1970s and early-1980s by burning and burying in trenches. As a result, soil and groundwater were impacted with semi-volatile organic compounds (SVOCs) from the materials. Contaminated soil was excavated and treated on-site at the TNT-BG area. Groundwater monitoring results indicated that the target constituent of the TNT residue, 2,4-dinitrotoluene (2,4-DNT), was at highest groundwater concentrations in a monitoring well located on the southern edge of the TNT-BG area. The groundwater contamination plume concentrations decreased down gradient of BG-03 and concentrations of the 2,4-DNT were nondetectable approximately 280 feet down gradient of well BG-03. Based on the information in the Exit Strategy Report, the edge of the contaminated groundwater plume is approximately 1/4-mile north of the Southwest Site Boundary. In addition, groundwater and rainwater that collected in the soil excavations during remediation was treated in the TNT-BG area with carbon filters before discharge into a tributary of Buck Creek, which crosses the Southwest Parcel. Although groundwater contamination continues to be present in the TNT-BG area, the concentrations were found to be decreasing, and the downgradient extent of the contaminated groundwater was

defined such that the Indiana Department of Environmental Management (IDEM) discontinued groundwater monitoring as of February 2012. The contaminated groundwater plume is at least 1/4-mile north of the Southwest Parcel, and monitoring wells with no detectable concentrations of the target constituent are located between the plume and the Southwest Parcel. Additionally, none of the SVOCs identified in the TNT-BG area are considered volatile for the purpose of potential vapor encroachment. Therefore, there are no vapor encroachment concerns associated with the TNT-BG area and the Site Parcels. Based on the location of the TNT-BG area relative to the Southwest Parcel and the regulatory status of the TNT-BG area, the groundwater impacts related to the former Newport Chemical Depot are considered *De Minimis Condition* for the Site Parcels.

• The adjoining parcel to the north of the West Parcel (former US Coast Guard Long Range Navigation (LORAN) Station) was identified on the state Leaking Underground Storage Tank (LUST) database. According to information in the Environmental Data Resources (EDR) report, the LUST listing was resolved in 1991 with No Further Action - unconditional closure. Therefore, the former US coast Guard LORAN Station LUST listing is not believed to have impacted the Site Parcels and is a *de minimis* condition.

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LIST OF ABBREVIATIONS

<u>Abbreviation</u> <u>Term/Phrase/Name</u>

2,4-DNT 2,4-dinitrotoluene

AAI All Appropriate Inquiries
AST Aboveground storage tank

ASTM ASTM International

AUL Activity and Use Limitation

BRAC Base Closure Realignment Commission

BROWNFIELDS State Brownfield List

Burns & McDonnell Engineering Company, Inc.

CAMU Corrective Action Management Unit

CAP/CA Corrective Action Plan and Corrective Action

CERCLA Comprehensive Environmental Response Compensation and Liability

Act

CERCLIS Comprehensive Environmental Response Compensation and Liability

Information System

CESQG Conditionally Exempt Small Quantity Generator

CFR Code of Federal Regulations

CI/CAS Comprehensive Investigation and Corrective Action Study

CONSENT Superfund Consent Decrees List CORRACTS RCRA Corrective Action Report

CWA Clean Water Act

DOD Department of Defense

EDR Environmental Data Resources

EPCRA Emergency Planning and Community Right to Know Act

ERNS Emergency Response Notification System

ESA Environmental Site Assessment

FIFRA Federal Insecticide, Fungicide, and Rodenticide Act

FINDS Facility Index System

FOIA Freedom of Information Act

FOST Finding of Suitability to Transfer FTTS FIFRA/TSCA Tracking System

HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing

HMIRS Hazardous Materials Incident Report System

Abbreviation Term/Phrase/Name

ICIS Integrated Compliance Information System

IBPZs Indiana Bat Protection Zones

IDEM Indiana Department of Environmental Quality

INST CONTROL State Institutional Control Registry **LAST** Leaking Aboveground Storage Tank

LLC Limited Liability Corporation LLP **Landowner Liability Protections LNAPL** Light Non-Aqueous Phase Liquid

LORAN Long Range Navigation LQG Large Quantity Generator

LUC Land Use Covenant

LUST Leaking Underground Storage Tank

msl Mean Sea Level

NCP National Contingency Plan

NeCDRA Newport Chemical Depot Reuse Authority

NFRAP No Further Remedial Action Planned

NPL National Priorities List

PA/SI Preliminary Assessment/Site Inspection

PCB Polychlorinated biphenyl **PCE** Tetrachloroethylene ppb Parts per billion Parts per million ppm

PRP Potentially Responsible Party

RAATS RCRA Administrative Action Tracking System **RCRA**

Resource Conservation and Recovery Act

RCRIS Resource Conservation and Recovery Information System

RFI RCRA Facility Investigation

RI/FS Remedial Investigation/Feasibility Study

ROD Record of Decision

SEMS Superfund Enterprise Management System

SHWS State Hazardous Waste Site

SIR Site Inspection Report **SPILLS** State Spills Database

<u>Abbreviation</u> <u>Term/Phrase/Name</u>

SQG Small Quantity Generator

SRE Site Reconnaissance and Evaluation
SSTS Section Seven Tracking Systems
SWF/LF Solid Waste Facility/Landfill
SWMU Solid Waste Management Unit

TCE Trichloroethylene

TIER 2 Tier 2 Information Listing
TNT-BG TNT Burning Ground

TSCA Toxic Substances Control Act

TRIS Toxic Chemical Release Inventory System

TSD Treatment, Storage, and Disposal

US BROWNFIELDS Federal Brownfield List

USC United States Code

US ENG CONTROLS Federal Engineering Control Registry

USEPA United States Environmental Protection Agency

USGS United States Geological Survey

UST Underground Storage Tank
VCP Voluntary Cleanup Program
VEC Vapor Encroachment Condition
VOC Volatile Organic Compound

1.0 INTRODUCTION

At the request of Newport Chemical Depot Reuse Authority (NeCDRA), Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) conducted a Phase I Environmental Site Assessment (ESA) consistent with ASTM International (ASTM) Standard Practice E1527-13 of property currently located within the boundaries of the Vermillion Rise Mega Park (Former Newport Chemical Depot) in Newport, Vermillion County, Indiana 47847 (the Property or the Site Parcels). The Property consists of two separate parcels. The West Parcel comprises approximately 330 acres, and the Southwest Parcel comprises approximately 151 acres. A map of the Site Parcels is attached in Appendix A. The Site Parcels are currently used for cultivated agricultural land with areas of woodland. According to historical sources, the Site Parcels have been used as cultivated agricultural land since at least 1941 and were part of the land owned by the US Army Newport Chemical Depot but not used for any purposes other than perimeter farmland. The U.S. Geological Survey (USGS) topographic map showing the Property location and the surrounding area is in Appendix A.

1.1 Purpose

The purpose of this Phase I ESA was to identify *Recognized Environmental Conditions* associated with the current and historical usage of the Property and adjoining land, nearby off-Site sources of potential impact, and the potential environmental impact on the Property from surrounding conditions or activities. Burns & McDonnell performed this Phase I ESA to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchase limitations on Comprehensive Environmental Response Compensation and Liability Act (CERCLA) liability (hereinafter, the "landowner liability protections" or "LLPs"): that is the practice that constitutes "all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice" as defined at 42 United States Code (USC) § 9601(35)(B).

Additionally, an evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this practice; therefore, this Phase I ESA may not be a comprehensive evaluation of business risks, nor is it an environmental compliance audit.

The term *Recognized Environmental Condition* as defined by ASTM means "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a Property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis conditions* are not *Recognized Environmental Conditions*." As defined by ASTM, a *de minimis condition* is one "that generally does not present a threat to human health or the environment and that generally would not be

the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are neither *Recognized Environmental Conditions* nor *Controlled Recognized Environmental Conditions*." A *Controlled Recognized Environmental Condition* is "a *Recognized Environmental Condition* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (Indiana Department of Environmental [IDEM]) with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls."

1.2 Detailed Scope of Services

Burns & McDonnell's agreement dated June 6, 2018, contains the detailed scope of services and terms and conditions governing this work. A copy of the scope of services is contained in Appendix B.

1.3 Significant Assumptions

Burns & McDonnell obtained environmental database information from Environmental Data Resources (EDR), a commercial provider of that service. Burns & McDonnell provided EDR the approximate Property boundary and asked EDR to use this as the basis of its search radius. Accordingly, the search distances shown on the radius maps may not be actual distances from the Property.

Note that distances between the Property and sites identified in the database search provided by EDR are estimates. Most sites are identified by a single geographical location marker that may be the center of the site, the physical location of the mailing address, etc. Thus, site boundaries could extend significant distances from the geo-coded location of the site. Therefore, even though a site is not identified by EDR as being within the footprint of the Property, adjacent to the Property or within the search radius of the Property, the site's boundaries could extend into or near the Property boundary.

Burns & McDonnell requested fire insurance maps from EDR for the Property. Burns & McDonnell provided EDR the approximate Property boundary and asked EDR to use this as the basis of its search radius. Burns & McDonnell did not attempt to obtain fire insurance maps from other sources; however, NeCDRA should be aware that other fire insurance maps may exist that Burns & McDonnell did not review.

Burns & McDonnell assumes that hidden, unapparent, or latent conditions or defects are not in or on the Property, subsoil, or structures other than those noted in this report. Burns & McDonnell assumes no responsibility for such conditions or inspection, engineering, or repair, which might be required to discover or correct such factors.

The following significant assumptions were used to formulate the recommendations and opinions contained in this report:

- Groundwater flow generally follows the topography,
- Existing reports are accurate,
- Interview comments are accurate,
- Environmental database information is complete,
- The person interviewed meets the definition of the key site manager,
- Conditions at the time of the Site visit were representative of ordinary conditions at the Property,
- Location of Property boundaries are accurate,
- Geologic conditions are the same as shown on published maps, and
- Hydrogeologic conditions are the same as shown on published maps.

1.4 Limitations and Exceptions of this Phase I ESA

This report is an instrument of service prepared by Burns & McDonnell for the exclusive use of NeCDRA. In order to create a report on which NeCDRA could rely, Burns & McDonnell worked closely with NeCDRA personnel in the development of the scope of service upon which all subsequent tasks have been based. No party other than NeCDRA is permitted by Burns & McDonnell to rely on this instrument of Burns & McDonnell's service.

According to the ASTM, Phase I ESAs are conducted to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchase limitations on CERCLA liability: that is the practice that constitutes "all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice" as defined at 42 USC § 9601(35)(B). Additionally, an evaluation of business environmental risk associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this practice. The opinions relative to hazardous substances and petroleum products given in this report are based upon information derived from the most recent Site reconnaissance and from other activities described herein.

The most recent Site reconnaissance was performed on June 14, 2018. NeCDRA is advised that the conditions observed by Burns & McDonnell are subject to change. Certain indicators of the presence of

hazardous substances and petroleum products may have been latent at the time of the most recent Site reconnaissance and may subsequently have become observable. In a similar manner, the research effort conducted for a Phase I ESA is limited. Accordingly, it is possible that Burns & McDonnell's research, while fully appropriate for a Phase I ESA, failed to indicate the existence of important information sources. Assuming such sources exist, their information could not have been considered in the formulation of Burns & McDonnell's findings and opinions.

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This Phase I ESA did not include any inquiry with respect to controlled substances, corporate environmental compliance, radon, methane, asbestos, lead paint, mold, wetlands, or vapor intrusion.

This Phase I ESA as conducted under the ASTM Standard Practice E1527-13 and the AAI Final Rule is presumed to be valid if completed within 180 days prior to the date of Property acquisition. Thereafter, this Phase I ESA is invalid, unless updated as part of a subsequent service by Burns & McDonnell.

1.5 Special Terms and Conditions

This Phase I ESA was performed pursuant to Burns & McDonnell's agreement dated June 6, 2018. In accordance with the Scope of Services and Responsibilities of Client, as described in Section 6 of ASTM Standard Practice E1527-13, NeCDRA was requested to furnish the following information:

- The location and boundaries of the Property to be assessed,
- The name(s) of person(s) possessing knowledge of the uses and physical characteristics of the Property: Mr. Chad Harris of the Vermillion Rise Mega Park,
- Prior environmental reports and correspondences concerning the Property, if any, for Burns & McDonnell to review,
- The results of their review of reasonably ascertainable recorded land title records and lien records filed under Federal, Tribal, State, or local law for environmental liens or activity and use limitations (AULs),
- Any specialized knowledge or experience material to *Recognized Environmental Conditions* in connection with the Property,
- A written explanation of the relationship of the purchase price to the value of the Property, and
- The chain-of-title for the Property.

The scope of work described in Burns & McDonnell's agreement is contained in Appendix B. As noted above, this Phase I ESA was conducted, and this report was prepared for use solely by NeCDRA. This report shall not be relied upon by or transferred to any other party without the express written authorization of both NeCDRA and Burns & McDonnell.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The Site consists of two separate parcels. The West Parcel comprises approximately 330 acres and is in Sections 15 and 16, Township 16 North, Range 10 West. The Southwest Parcel comprises approximately 151 acres and is on Section 18, Township 16 North, Range 10 West. The Site Parcels are located on the west and southwest sides of the Vermillion Rise Mega Park, which is the former US Army Newport Chemical Depot, and are located approximately five miles southwest of the town of Newport, Vermillion County, Indiana 47847. The current legal title holder of the Site Parcels, NeCDRA, acquired the Property in 2010. The legal description of the Vermillion Rise Mega Park property, which includes the Site Parcels, is included in the EDR Environmental Lien and AUL Search Report, which is included in Appendix C. Current Property tax information is also included in Appendix C.

2.2 Site and Vicinity Characteristics

The Site Parcels are located in agricultural areas on the west and southwest sides of the Vermillion Rise Mega Park. The general area of the Site Parcels is agricultural and former industrial/commercial. The Wabash River is located approximately 4 to 5 miles east of the Site Parcels. Buck Creek crosses over the southwestern edge of the Southwest Parcel and later discharges into the Wabash River. A tributary of Jonathan Creek crosses over the west portion of the West Parcel and flows north to the Little Vermillion River, which ultimately discharges to the Wabash River.

According to information in the EDR report referencing the 2013 USGS Dana, Indiana quadrangle topographic map (refer to Appendix A), the West Parcel lies at approximately 631 feet above mean sea level and the Southwest Parcel lies at approximately 621 feet above mean sea level. The West Parcel is relatively level except where the tributary of Jonathan Creek crosses the Site, while the Southwest Parcel slopes generally down to the southeast.

2.3 Property Geology and Hydrogeology

According to information in the EDR report, soils at the two Site Parcels are describes as silt loam, silty clay loam, clay loam and loam which are generally fine-grained soils ranging from poorly drained to well drained.

According to information in the EDR report, geologic age, and rock stratigraphy in the general area of the Site Parcels consists of Paleozoic era, Pennsylvanian series rocks which consist of shale and sandstone with thin beds of limestone, clay and coal (Gray, 1987). Groundwater flow for the Site Parcels is expected to follow the general topographic gradient. At the West Parcel, the groundwater is expected to

flow north into the tributaries of Jonathan Creek which discharges into the Little Vermillion River located north of the Site Parcels. At the Southwest Parcel, the groundwater is expected to flow southeast into Buck Creek which discharges into the Wabash river located east of the Site.

2.4 Current Use of the Property

According to the Site Parcel Owner Representative, Chad Harris of the Newport Chemical Depot Reuse Authority, the two Site Parcels are leased by Mr. Jerry Walker and Mr. Thomas Strubinger and used for cultivated crop agriculture. According to Penny Barton of Vermillion County Zoning Department, the Site Parcels are zoned as Industrial District with some wooded areas zoned as Open Space Area as part of the Vermillion Rise Mega Park. Burns & McDonnell found no information in the government lists and records that Burns & McDonnell reviewed to contradict the summary of Property use in this section.

2.5 Description of Structures, Roads, and Improvements

The West Parcel comprises approximately 330 acres of cultivated agricultural land with two wooded areas. County Road 200 South borders the West Parcel to the north. A chain link fence is located along the eastern edge of the West Parcel. A wooded area and north-flowing creek are located on the west side of the West Parcel. A wetland area surrounded by a wooded area is in a field on the east-central portion of the West Parcel. County Road 300 South boarders the West Parcel to the south. There are no buildings or other structures located on the West Parcel. An approximate 6-acre ingress easement is located along the northern edge of the West Parcel. A survey of the West Parcel is attached in Appendix A.

The Southwest Parcel comprises approximately 151 acres of cultivated agricultural land and woodland. The eastern portion of the Southwest Parcel is wooded and is crossed by Buck Creek. Buck Creek flows onto the Southwest Parcel via a culvert on the northern edge of the parcel. Another tributary of Buck Creek crosses the southwest corner of the Site. A former railroad bed easement bisects the west portion of the Southwest Parcel. A survey of the Southwest Parcel is attached in Appendix A. Photographs of the Property are included in Appendix D.

2.6 Current Uses of the Adjoining Properties

"Adjoining properties" as defined herein comprise areas with property lines in common with the Property or separated from the Property only by a public right-of-way or water course. The following table summarizes the occupants and apparent uses of the adjoining land.

Table 2-1: Summary of Adjoining Properties – West Parcel

Address and Direction	Occupant	Apparent Use
No Address; North	NA	Farmland
555 W. CR 200 S; North	(former occupant, currently vacant) US Coast Guard	Radio Tower and Office
1051 W. Indiana Avenue; East	Vermillion Rise Mega Park (former Newport Chemical Depot)	Vacant Former Industrial Chemical and Weapons Manufacturing
No Address; South	NA	Farmland
No Address; West	NA	Farmland

Table 2-2: Summary of Adjoining Properties – Southwest Parcel

Address and Direction	Occupant	Apparent Use
1051 W. Indiana Avenue; North	Vermillion Rise Mega Park (former Newport Chemical Depot)	Vacant Former Industrial Chemical and Weapons Manufacturing
No Address; East	NA	Farmland
No Address; South	NA	Farmland
No Address; West	NA	Farmland

The former Newport Chemical Depot environmental impacts that are relevant to the Site Parcels are discussed in Section 4.3.13 of this report.

3.0 USER PROVIDED INFORMATION

3.1 Title Records

NeCDRA provided information regarding the ownership history of the Site Parcels in the form of previous environmental and technical reports. These records are discussed in Section 4.3.11.

3.2 Environmental Liens or Activity and Use Limitations

Prior to beginning work on the Phase I ESA, Burns & McDonnell asked Mr. Chad Harris of NeCDRA if there were:

- Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Property;
- Any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Property;
- Any notices from any governmental entity regarding any possible violation of environmental laws
 or possible liability relating to hazardous substances or petroleum products; and
- Any limitations on activity or Property use.

According to Mr. Harris there are no pending, threatened or past proceedings or limitations of these kinds.

3.3 Specialized Knowledge

Prior to beginning work on the Phase I ESA, Burns & McDonnell asked Mr. Harris if NeCDRA had any specialized knowledge or experience that may be material to *Recognized Environmental Conditions* in connection with the Property. Mr. Harris indicated that NeCDRA would provide existing technical and environmental reports to assist Burns & McDonnell's evaluation of potential *Recognized Environmental Conditions* in connection at the Property.

3.4 Valuation Reduction for Environmental Issues

Burns & McDonnell asked Mr. Harris if NeCDRA has actual knowledge that the purchase price of the Property is significantly less than the purchase price of comparable properties. Mr. Harris indicated that NeCDRA is not aware of any such valuation reduction.

3.5 Owner, Key Site Manager, and Occupant Information

NeCDRA provided the following information concerning the Property:

Owner of Record: Newport Chemical Depot Reuse Authority

Occupant Name: Vermillion Rise Mega Park

Key Site Manager: Mr. Chad Harris, Owner Representative for NeCDRA.

3.6 Reason for Performing this Phase I ESA

NeCDRA is the prospective buyer. NeCDRA has requested that a Phase I ESA be performed to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability, to evaluate the current environmental condition of the Property for its own purposes.

4.0 RECORDS REVIEW

Burns & McDonnell obtained and reviewed environmental and physical setting records and historic information in an effort to identify *Recognized Environmental Conditions* in connection with the Property. The following sections are a narrative description of the records Burns & McDonnell obtained and reviewed. Where applicable, the approximate search distance is given.

4.1 Physical Setting Sources

The ASTM standard source for physical setting information is the USGS 7.5 Minute Topographical Map. The USGS Dana, Indiana quadrangle topographic map is located in Appendix A.

4.2 Standard Environmental Record Sources, Federal and State

EDR provided a report of environmental agency listings containing U.S. Environmental Protection Agency (USEPA), State and tribal database information in accordance with ASTM-defined search distances. EDR's Radius Map ReportTM with GeoCheck[®] lists the Federal, State and tribal databases searched, a description of the databases, and the most recent release date of each database (Appendix E). The appended report also shows USEPA, State and tribal regulated sites within the search area and other regulated sites that could be in the search area but were unplottable due to insufficient address or locator information. These unplottable sites are called "Orphan Sites" in this report. EDR included the following 17 ASTM-required databases in its search of environmental records:

Table 4-1: ASTM Standard Database Search Distances

Database Name	Approximate Minimum Search Distance (Miles)	Number of Sites
Federal NPL ^(a) site list	1.0	0
Federal Delisted NPL site list	0.5	0
SEMS ^(b) (formerly CERCLIS ^(c)) list	0.5	0
SEMS-ARCHIVE site list (formerly CERCLIS NFRAP(d))	0.5	0
RCRA ^(e) CORRACTS ^(f) facilities list	1.0	0
RCRA non-CORRACTS TSD ^(g) facilities List	0.5	0

Database Name	Approximate Minimum Search Distance (Miles)	Number of Sites
Federal RCRA generators lists LQG ^(h) SQG ⁽ⁱ⁾ CESQG ^(j) Non-Generators	Property and adjoining ¹	0
Federal institutional control/engineering control registries	Property only	0
Federal ERNS ^(k) list	Property only	0
State- and tribal-equivalent NPL site list	1.0	0
State- and tribal-equivalent CERCLIS list	0.5	0
State and tribal SWF/LF ⁽¹⁾ list	0.5	0
State and tribal leaking storage tank lists LUST ^(m) LAST ⁽ⁿ⁾	0.5	1
State and tribal registered storage tank lists UST ^(o) AST ^(p)	Property and adjoining	1
State and tribal institutional control/engineering control registries	Property only	0
State and tribal VCP ^(q) sites	0.5	0
State and tribal Brownfield sites	0.5	0

- (a) NPL = National Priorities List,
- (b) SEMS = Superfund Enterprise Management System
- (c) CERCLIS = Comprehensive Environmental Response, Compensation, and Liability Information System
- (d) NFRAP = No Further Remedial Action Planned
- (e) RCRA = Resource Conservation and Recovery Act
- (f) CORRACTS = RCRA Corrective Action Report
- (g) TSD = Treatment, Storage, and Disposal
- (h) LQG = Large Quantity Generators
- (i) SQG = Small Quantity Generators
- (j) CESQG = Conditionally Exempt Small Quantity Generators
- (k) ERNS = Emergency Response Notification System
- (1) SWF/LF = Solid Waste Landfills and/or Solid Waste Disposal Site Lists
- (m) LUST = Leaking Underground Storage Tanks
- (n) LAST = Leaking Aboveground Storage Tanks
- (o) UST = Underground Storage Tanks
- (p) AST = Aboveground Storage Tanks
- (q) VCP = Voluntary Cleanup Program

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¹ The ASTM minimum search distance for these databases is identified as "Property and adjoining properties only". Because ASTM does not define a specific search distance for this, EDR uses a 0.25-mile search distance to satisfy this requirement. Burns & McDonnell then determines based on visual observations and other mapping sources, as needed, whether the sites identified in any of these databases are actually located on or adjacent to the Site.

The Site Parcels were not identified on the database report. No other sites were identified on the databases. EDR identified one orphan site, which Burns & McDonnell determined is within the ASTM-defined search distances of the Site Parcels. That orphan site is described in the Indiana Department of Environmental Management (IDEM) leaking underground storage tank (LUST) and underground storage tank (UST) databases.

4.2.1 Federal National Priorities List Site List

The National Priorities List (NPL) is compiled by the USEPA pursuant to CERCLA 42 USC 9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to the USEPA's Hazard Ranking System per 40 CFR Part 300. There were no NPL sites identified on or within 1 mile of the Site Parcels.

4.2.2 Federal Delisted National Priorities List Site List

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the USEPA 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. There were no Delisted NPL sites identified on or within 0.5 mile of the Site Parcels.

4.2.3 Superfund Enterprise Management System List

The Superfund Enterprise Management System (SEMS) List tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of USEPA's Superfund Program across the United States. The list was formerly known as Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), and renamed as SEMS by the USEPA in 2015. The list 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 CERCLA. This dataset also contains sites either proposed for or on the NPL and the sites that are in the screening and assessment phase for possible inclusion on the NPL. There were no SEMS sites identified on or within 0.5 mile of the Site Parcels.

4.2.4 Superfund Enterprise Management System-ARCHIVE List

The SEMS-ARCHIVE list tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS- No Further Remedial Action Planned (NFRAP) but was renamed to SEMS-ARCHIVE by the USEPA in 2015. USEPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory

of SEMS sites. Archived status indicates that, to the best of USEPA's knowledge, assessment at a site has been completed and USEPA has determined no further steps will be taken to list the site on the NPL, unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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. There were no SEMS-ARCHIVE sites identified on or within 0.5 mile of the Site Parcels.

4.2.5 Federal Resource Conservation and Recovery Act Site Lists

Federal Resource Conservation and Recovery Act (RCRA) sites are discussed in the following subsections.

4.2.5.1 RCRA Corrective Action Report Facilities List

The RCRA Corrective Action Report (CORRACTS) list identifies hazardous waste handlers with RCRA corrective action activity. There were no RCRA CORRACTS sites identified on or within 1 mile of the Site Parcels.

4.2.5.2 RCRA non-Corrective Action Report Treatment, Storage, and Disposal Facilities List

The RCRA non-CORRACTS Treatment, Storage, and Disposal (TSD) facilities list includes selective information on hazardous waste treatment, storage, and disposal facilities at which no corrective action activity has occurred. There were no RCRA non-CORRACTS TSD sites identified on or within 0.5 mile of the Site Parcels.

4.2.5.3 Federal RCRA Generators List

The RCRA Generator's List provides information on facilities reporting that they generate hazardous waste and are classified as hazardous waste generators pursuant to the RCRA regulations. Conditionally exempt small quantity generators (CESQGs) generate less than 100 kilograms (kg) of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kg of hazardous waste per month. Non-Generators were previously registered as a CESQG, SQG and/or LQG; however, they are not currently generating hazardous waste. There were no RCRA Generator sites identified on the Site Parcels or on adjoining properties.

4.2.6 Federal Institutional Control/Engineering Control Registries

Sites with 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 the site. Deed restrictions are generally required as part of the institutional controls. 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. The Site Parcels were not identified on the Federal Institutional Control/Engineering Control Registries.

4.2.7 Federal Emergency Response Notification System List

The Emergency Response Notification System (ERNS) list is a national database published by the USEPA that lists information about sites where reported releases of hazardous substances and petroleum have occurred. The list includes records of both the Department of Transportation and the USEPA. The Site Parcels were not identified on the ERNS list.

4.2.8 State and Tribal Equivalent of the National Priorities List

The IDEM maintains a list of hazardous waste response sites scored using the Indiana Scoring Model which prioritizes the sites that pose a significant threat the human health and the environment. There were no state or tribal NPL sites identified on or within 1 mile of the Site Parcels.

4.2.9 State and Tribal Equivalent of the Superfund Enterprise Management System Site List

State hazardous waste site records are the states' equivalent to SEMS (formerly CERCLIS). These sites may or may not already be listed on the federal SEMS 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. There were no state or tribal SEMS sites identified on or within 1 mile of the Site Parcels.

4.2.10 State and Tribal Landfill and/or Solid Waste Disposal Site Lists

Solid waste facilities/landfills (SWF/LF) and/or solid waste disposal site 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 and/or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. There were no state or tribal landfill and/or solid waste disposal sites identified on or within 0.5 mile of the Site Parcels.

4.2.11 State and Tribal Leaking Storage Tank Lists

The IDEM maintains the leaking underground storage tanks (LUST) list, which contains an inventory of reported LUST incidents. The IDEM maintains the leaking aboveground storage tanks (LAST) list, which contains an inventory of reported LAST incidents. One LUST site was identified in the Orphan Sites List located within 0.5 mile of the Site Parcels:

 LORAN (Long Range Navigation) Station (US Coast Guard), 555 W. CR 200 S, is located adjoining the West Parcel to the north.

The LORAN Station (US Coast Guard) is listed in the LUST and UST database under number 11785. According to the EDR report, the LUST listing was resolved in 1991 with No Further Action - unconditional closure and is therefore not believed to have impacted the Property.

4.2.12 State and Tribal Registered Storage Tank Lists

The IDEM maintains the underground storage tanks (UST) list, which contains an inventory of USTs regulated under Subtitle I of RCRA and that must be registered with the State. The IDEM maintains the aboveground storage tanks (AST) list, which contains an inventory of ASTs. One registered storage tank was identified adjacent to the Site Parcels:

• LORAN (Long Range Navigation) Station (US Coast Guard), 555 W. CR 200 S, is located adjoining the West Parcel to the north.

The LORAN Station (US Coast Guard) is listed in the LUST and UST database under number 11785. According to the EDR report, the LUST listing was resolved in 1991 with No Further Action-unconditional closure and is therefore not believed to have impacted the Property.

4.2.13 State and Tribal Institutional Control/Engineering Control Registries

The IDEM maintains a list of activity and use restriction sites (AUL), which is a site remediation section database for sites that have engineering controls or institutional controls in place. The Site Parcels were not identified on the state or tribal institutional control/engineering control registries.

4.2.14 State and Tribal Voluntary Cleanup Program Sites

The IDEM maintains a list of sites participating in the state Voluntary Remediation Program (VCP). There were no state or tribal voluntary cleanup program (VCP) sites identified on or within 0.5 mile of the Site Parcels.

4.2.15 State and Tribal Brownfield Sites

Brownfields are generally defined as abandoned or underused industrial or commercial properties where redevelopment is complicated by actual or perceived environmental contamination. Brownfields vary in size, location, age, and past use. They can range from a small, abandoned corner gas station to a large, multi-acre former manufacturing plant that has been closed for years. There were no state or tribal Brownfield sites identified on or within 0.5 mile of the Site Parcels.

4.3 Historical Use Information on the Site Parcels and Adjoining Properties

Burns & McDonnell reviewed reasonably ascertainable and practically reviewable historical information concerning the Site Parcels and adjoining properties. The historical information Burns & McDonnell reviewed included:

- Aerial photographs
- Fire insurance maps
- Building department records
- Zoning/Land use records
- Recorded land title records
- Department of Environment records
- Historic topographic maps
- Local street directories
- property tax records
- Fire department records
- Existing technical/environmental reports

Information Burns & McDonnell obtained from the Site visit on June 14, 2018, interviews conducted, and records reviewed is discussed in the following sections.

4.3.1 Summary of Past Uses of the Site Parcels

Burns & McDonnell obtained information during the Site visit on June 14, 2018, from interviews conducted, and from records reviewed in order to identify the uses of the Site Parcels back to 1940 or the first developed use of the Site Parcels, whichever is earlier. The following table summarizes the previous uses of the Site Parcels.

Date or Date Range Company and Use Information Source The Site Parcels were purchased by the former Newport Chemical 1941 Key Site Manager Interview Depot Key Site Manager Interview, The Site Parcels were used for Aerial Photographs, Existing Late-1800s to 2018 cultivated agriculture and Technical/Environmental woodland. Reports, Site visit

Table 4-2: Summary of Historic Uses of the Site Parcels

Date or Date Range	Company and Use	Information Source
Pre-1941 to ca. 1975	Farmstead was located on the Southwest Parcel	Key Site Manager Interview, Aerial Photographs, Existing Technical/Environmental Reports

4.3.2 Aerial Photographs

Burns & McDonnell obtained and reviewed historic aerial photographs from EDR. Burns & McDonnell reviewed these aerial photographs to obtain information about the history of development on and in the vicinity of the Site Parcels. EDR designated Copies of aerial photographs are included in Appendix F. The date of each photograph and the observations noted during the review are summarized in the following table:

Table 4-3: Observations from Aerial Photographs

Year	Observations	
1949	West Parcel: Only the southern portion of the West Parcel is visible on the aerial photograph. The visible area is cultivated agricultural land with a stream located on the west portion of the parcel. Roads and buildings associated with the Newport Chemical Deport facility are visible on adjoining land east of the West Parcel.	
	Southwest Parcel: The Southwest Parcel is cultivated agricultural land with some streams located on the eastern and southern portions of the Site. An access driveway is visible in the southeast corner of the Southwest Parcel. Roads and buildings associated with the Newport Chemical Deport facility are visible on adjoining land north of the Southwest Parcel.	
1953	West Parcel: The West Parcel appears to be cultivated agriculture. A pond or small wooded area is located in the east-central portion of the Site, and a stream and wooded area are located on the west-central portion of the Site. Adjacent land use appears generally unchanged from the previous aerial photograph.	
	Southwest Parcel: The Southwest Parcel appears to be cultivated agricultural land on the west and central portions with wooded areas and streams on the east and south portions. A driveway and what appears to be a small farmstead with two sheds is visible in the southeast corner of the Site. Adjacent land use appears generally unchanged from the previous aerial photograph.	
1962	The West Parcel: Most of the West Parcel appears to be cultivated agriculture. Driveways on the adjoining parcel are located along the northwestern of the Site. No significant changes to the West Parcel are apparent on the aerial photograph.	
	The Southwest Parcel: No significant changes to the Southwest Parcel and adjacent land are apparent on the aerial photograph.	

Year	Observations
1975	The West Parcel: No significant changes to the West Parcel are apparent on the aerial photograph. A radio tower is visible on the adjoining land to the northwest.
	The Southwest Parcel: The sheds or buildings formerly visible on the southeast corner of the Southwest Parcel are no longer visible. The driveway is still visible on the southeastern corner of the Site. No other significant changes are visible on the Southwest Parcel. Additional development has occurred on land to the north and northeast.
1984	The West Parcel: No significant changes to the West Parcel or adjacent land are visible on the aerial photograph.
	The Southwest Parcel: No significant changes to the Southwest Parcel or adjacent land are visible on the aerial photograph.
1992	The West Parcel: No significant changes to the West Parcel are visible on the aerial photograph.
	The Southwest Parcel: No significant changes to the Southwest Parcel are visible on the aerial photograph.
1998	The West Parcel: No significant changes to the West Parcel are visible on the aerial photograph.
	The Southwest Parcel: The driveway access previously visible in the southeast corner of the Site is no longer visible. No other significant changes to the Southwest Parcel are visible on the aerial photograph.
2008	The West Parcel: No significant changes to the West Parcel are visible on the aerial photograph.
	The Southwest Parcel: No significant changes to the Southwest Parcel are visible on the aerial photograph.
2012	The West Parcel: No significant changes to the West Parcel are visible on the aerial photograph.
	The Southwest Parcel: No significant changes to the Southwest Parcel are visible on the aerial photograph.
2016	The West Parcel: A line of trees in a field on the west portion of the West Parcel has been removed.
	The Southwest Parcel: No significant changes to the Southwest Parcel are visible on the aerial photograph.

4.3.3 Historic Topographic Maps

Burns & McDonnell reviewed historic topographic maps obtained from the USGS. Copies of topographic maps are included in Appendix G. The date of each topographic map and the observations noted during the review are summarized in the following table:

Year **Observations** 1955 The Southwest Parcel is depicted without any building structures. A small structure or house is depicted near the northwest corner of the West Parcel. The Site Parcels are depicted as within the boundary of the "Wabash River Ordinance Works." 1957 The topographic map is of a scale which does not depict individual structures. No structures are depicted on the Site Parcels. 1962 No changes are depicted on the Site Parcels. 1978 This map is similar to the 1955 topographic map. A small structure or house is depicted near the northwest corner of the West Parcel. The Site Parcels are depicted as within the boundary of the "Newport Army Ammunition Plant." 1986 This map is similar to the 1962 topographic map. No structures are depicted on the Site Parcels.

Table 4-4: Observations from Historic Topographic Maps

4.3.4 Fire Insurance Maps

Based on the rural location of the Site Parcels, Burns & McDonnell did not attempt to obtain fire insurance maps for the Site Parcels.

4.3.5 Local Street Directories

Based on the rural location and the lack of addresses at the Site Parcels Burns & McDonnell did not obtain local street directories.

4.3.6 Building Department Records

Based on the lack of building improvements on the Site Parcels and the availability of other historical documentation reviewed in Section 4.3.13, Burns & McDonnell did not review Building Department records for the Vermillion Rise Mega Park (former Newport Chemical Depot).

4.3.7 Property Tax Records

Burns & McDonnell reviewed real estate tax records for the Vermillion Rise Mega Park (former Newport Chemical Depot) that were available from the Vermillion County online GIS database. The following paragraphs provide a summary of information obtained from the review of tax files for the Site Parcels.

The Site Parcels are considered part of the Vermillion Rise Mega Park. The information in the tax records do not distinguish any individual parcels within the Vermillion Rise Mega Park. The general information lists the Vermillion Rise Mega Park as county parcel number 83-09-09-900-001 with a transfer owner date of May 30, 2012 from the Newport Chemical Depot to the Newport Chemical Depot Reuse Authority, which is a division of Vermillion County, Indiana.

4.3.8 Fire Department Records

Burns & McDonnell contacted and file a Freedom of Information Act (FOIA) request to Mr. Paul Lee, Fire Chief of the Newport Volunteer Fire Department, to obtain copies of Fire Department records for the Site Parcels; however, at the time of this report, Burns & McDonnell has not received the records requested.

4.3.9 Recorded Land Title Records

Burns &McDonnell obtained an environmental lien and activity and use limitation (AUL) search report for the Site Parcels from EDR. Burns & McDonnell found the following environmental liens and/or AULs relating to the Site Parcels:

- Quitclaim Deed: Executed September 30, 2011 from the United States of America to the Newport Chemical Reuse Authority for the property ID 83-09-09-900-001.000-011
- Environmental Lien: An environmental lien was recorded that named the US EPA and the Newport Chemical Reuse Authority as parties. The environmental lien is in effect for the total Vermillion Rise Mega Park property.
- AULs are present on the Vermillion Rise Mega Park property.

According to information in the documents, the environmental lien is in effect for the Vermillion Rise Mega Park, which includes the West Parcel and Southwest Parcel. The quitclaim deed references environmental protection provisions which constitute the environmental lien for the Vermillion Rise Mega Park. Exhibits C1, C2 and D of the quitclaim deed describe in detail the areas which are subject to land use restrictions. Based on a review of those sections and figures, none of the areas land use restriction areas described in the quitclaim deed are located on the two Site Parcels shown in Appendix A. The environmental lien and activity and use limitation documents are available upon request from Vermillion Rise Mega Park (See Appendix C for contact information).

4.3.10 FOIA Requests

Burns & McDonnell accessed the USEPA's Facility Registry Service (FRS) Query and MyPropertyInfo² website regarding the Site Parcels' zip code, since no separate addresses exist for the Site Parcels.

According to the USEPA's website, the results of a search using the MyPropertyInfo website will be

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² Per the MySiteInfo search page, "Note, this search will attempt to find an address in the EPA database that is a "letter for letter" **exact match** with the address that is entered." Meaning that search results may exclude pertinent results if the address entered does not exactly match that in EPA's files.

identical to the information you would receive by filing a traditional FOIA request with USEPA for these records. A search of the Site Parcels address returned the following information:

The Site Parcels are depicted on the FRS Query website as part of the Newport Chemical Depot site. The Newport Chemical Depot has FRS ID# 110000755601 and is listed on a number of USEPA databases including the Clean Air Act, Clean Water Act (CWA), RCRA, Safe Drinking Water Act, Air Emissions Inventory and other databases.

According to information on the FRS Database the Newport Chemical Depot has violations related to phosphorus discharge under CWA permit IN0003506. According to information on the website, the affected water body is Little Racoon Creek, which is located approximately two miles east of the Southwest Parcel. Based on the location of the discharge location described on the FRS Database, the current CWA violation are not believed to have impacted the Site Parcels. A copy of the FRS and MyPropertyInfo search results are included in Appendix H.

4.3.11 Existing Technical/Environmental Reports

Burns & McDonnell's proposal requested that NeCDRA assist Burns & McDonnell by placing at its disposal all available information pertinent to the Site Parcels including, but not limited to geotechnical reports, environmental reports, records, correspondences, plats of survey, building, grading and development plans, tax number, current legal title holder of the Site Parcels and any other data relevant to Burns & McDonnell's services. NeCDRA directed Burns & McDonnell to request these documents from Mr. Chad Harris of the Vermillion Rise Mega Park.

Burns & McDonnell asked Mr. Chad Harris of the Vermillion Rise Mega Park knew of any existing documents as follows:

- information available about the environmental condition or historic uses of the site;
- environmental site assessment reports (Phase I and Phase II ESAs);
- registrations for underground or aboveground storage tanks (USTs or ASTs);
- UST/AST removal reports;
- environmental compliance audit reports;
- chemical inventory list, including chemicals used on the Site Parcels in the past;
- environmental permits [e.g., solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System (NPDES) permits];

- notices of violation (NOVs) or other correspondence from any government agency (federal, state, city, county, etc.) relating to past or current violations of environmental laws with respect to the
 Site Parcels or relating to environmental liens encumbering the Site Parcels;
- hazardous waste generator notices or reports;
- material safety data sheets (MSDS)/safety data sheets (SDS);
- community right-to-know plan;
- safety plans;
- emergency preparedness and prevention plans;
- spill prevention, control, and countermeasure plans (SPCC);
- storm water pollution prevention plans (SWPPP);
- reports regarding hydrogeologic conditions on the Site Parcels or surrounding properties; and
- geotechnical studies.

Mr. Harris provided the following existing technical or environmental reports for the Site Parcels.

 U.S. Army BRAC 2005 Site Inspection Report (SIR), Newport Chemical Depot, Newport, Indiana, September 2009 (Site Inspection Report)

According to information in the document, the objective of the SIR was to collect chemical data to determine if a release occurred that warranted further action. The authors of the document stated that thirteen (13) Study Sections were identified that warranted further action. Information in the Site Inspection Report indicates that the Southwest Parcel is located entirely in Study Section 9 and the West Parcel is located entirely in Study Section 10 (page 2-3). According to information in the SIR, Study Sections 9 and 10 were among those Study Sections identified as Category 1 parcels. Category 1 parcels were defined as those "where no release or disposal of hazardous substances or petroleum products or their derivatives has occurred, including no migration of these substances from adjacent properties" (page 2-1).

(In addition to the documents provided by Mr. Harris, Burns & McDonnell also reviewed the following document from December 2009)

 Reuse Plan; Newport Chemical Depot, Newport Chemical Reuse Authority, Vermillion County, Indiana, December 2009 (Reuse Plan).

According to information in the Reuse Plan, the Newport Chemical Depot was established by the US Army in 1941 and was used to produce various explosives and chemical weapons. The Newport Chemical

Agent Disposal Facility was completed in 2003 to destroy the chemical weapons that were stored at the Newport Chemical Depot. Chemical use and production at the Newport Chemical Depot resulted in known and potential soil and groundwater impacts at the facility. According to the Reuse Plan, the former Newport Chemical Depot is currently regulated under an RCRA Part B Permit which was granted by the Indiana Department of Environmental Management (IDEM) on January 5, 2006.

Mr. Harris also provided the following existing technical or environmental reports for the Site Parcels.

 Newport Chemical Depot Long Term Monitoring Exit Strategy Report, Decontaminated Waste Burial Ground, RDX-Manufacturing Area, TNT Burning Ground and Chemical Plant, Science Application International Corporation, April 2012 (Exit Strategy Report)

The objective of the Exit Strategy Report was to document the steps to reach the remedial action objectives of three areas of the Newport Chemical Depot. According to information in the Exit Strategy Report, the remediation area nearest to the Site Parcels is the TNT Burning Ground (TNT-BG), which is located approximately 1/4-mile north of the Southwest Parcel. According to information in the Exit Strategy Report, the TNT-BG area was used by the US Army to dispose of burned TNT residue in two trenches beginning in approximately 1973. The Exit Strategy Report documents that the TNT related residue originated from tanks, lines, wood pallets and other TNT contaminated debris generated at the Newport Chemical Depot's plant before and after plant layaway in 1975.

The Exit Strategy Report summarizes the soil remediation, groundwater monitoring data and groundwater monitoring plans in the TNT-BG area. Remediation of the soil in the TNT-BG area occurred between 2001 and 2003. According to the Exit Strategy Report, rainwater and groundwater that accumulated in the trenches during excavation was treated with granular activated carbon before discharge into a ditch which then discharges into a tributary of Buck Creek. The tributary of Buck Creek crosses the Southwest Parcel. The excavated soils were composted at the TNT-BG area in accordance with IDEM authorization and with an RCRA permit that established the TNT-BG area as a Corrective Action Management Unit (CAMU).

The Exit Strategy Report, provided details regarding which wells near the TNT-BG area had groundwater contamination and summarized the history of the groundwater sampling. The monitoring well with the highest concentration of the target constituent, 2,4-dinitrotoluene (2,4-DNT) was BG-03, which is located along the southern edge of the TNT-BG area. According to information in the Exit Strategy Report, the groundwater contamination plume concentrations decreased down gradient of BG-03 and concentrations of the principal contaminant 2,4-DNT were nondetectable approximately 280 feet down gradient of well

BG-03. Based on the information in the Exit Strategy Report, the edge of the contaminated groundwater plume is approximately ½-mile north of the Southwest Site Boundary (pages 5-3 and 5-4).

 Finding of Suitability to Transfer (FOST), Newport Chemical Depot, FOST 2 Parcels, Vermillion County, Indiana, July 2012 (FOST 2 Report)

The purpose of the FOST 2 Report was to document the suitability to transfer property within the Newport Chemical Depot from the US Army to the Newport Chemical Depot Reuse Authority according to the applicable CERCLA and Department of Defense (DOD) policies. According to information in the FOST 2 report, the remediation area nearest to the Site Parcels is the TNT Burning Ground (RCRA Solid Waste Management Unit (SWMU) number NAAP-50). The boundary of the TNT Burning Ground (TNT-BG) area is located approximately 1/4-mile north of the Southwest Parcel.

According to information in the FOST 2 Report, the TNT-BG area included approximately 12.5 acres and was used by the US Army to dispose of burned TNT residue beginning in approximately 1973.

Remediation of the TNT-BG area began in 2003 and included excavation and composting of impacted soil. The FOST 2 Report describes the Contaminants of Concern as TNT, 2,4-dinitrotoluene, trinitrobenzene, RDX, 2-amino-4,6-dinitrotoluene and pentaerythritol. The FOST 2 Report documented that the soils in the TNT-BG area were excavated and remediated to meet the target cleanup levels of those compounds established in the cleanup plan approved by the IDEM. The FOST 2 Report stated that groundwater and rainwater that collected in the soil excavations during remediation was treated onsite with carbon filters before discharge into a tributary of Buck Creek, which crosses the Southwest Parcel.

The FOST 2 document summarizes groundwater monitoring for semi-volatile organic compounds (SVOCs) and metals. According to information in the FOST 2 Report, the remaining groundwater contamination in the TNT-BG area necessitated the need for inclusion in the Newport Chemical Depot Land Use Covenant Implementation Plan (LUCIP). The LUCs at the TNT-BG area restrict that area by stipulating no future residential or groundwater use in that area. According to information in the FOST 2 Document, the groundwater plume was defined and the IDEM approved discontinuation of groundwater monitoring. The monitoring has been discontinued since February 2012 (pages 7-9).

 Cooperative Agreement Award between the US Army and the Newport Chemical Reuse Authority, November 7, 2012 (US Army Agreement)

According to Section 3.5 and sub Section 3.5.3 of the US Army Agreement, the US Army is fully responsible for any contamination or related conditions that is found in the future on any of the land

parcels that were part of the former Newport Chemical Depot that is associated with activities prior to the transfer of the land to the Newport Chemical Depot Reuse Authority. Those materials include radiological material, chemical warfare material, biological warfare material or unexploded ordinance. The related conditions include injuries to natural resources as defined in US Federal Register 43 C.F.R. 11.14(v) and additional environmental monitoring. A copy of the US Army Agreement is attached in Appendix I.

 Phase I Archeological Survey of 1641 Acres in Support of BRAC 2005: Newport Chemical Depot, Brockington and Associates, Inc. June 2011 (Archeological Survey)

The Archeological Survey was completed for portions of the Newport Chemical Depot for the US Army Corps of Engineers in support of the Base Closure Realignment Commission (BRAC). Information in the Archeological Survey shows the location of former farmsteads on both the West Parcel and Southwest Parcel. According to information in the Archeological Survey, farmstead remnants were found primarily in the wooded, western portion of the West Parcel. Those remnants included brick, iron, glass fragments, debris of former barn and corn crib, a filled house foundation, a concrete foundation and a stone and brick-lined well. According to information in the Archeological Survey, farmstead remnants were found primarily in the wooded, southeastern portion of the Southeast Site Parcel. Those remnants included demolition debris (concrete foundation, metal, bricks, glass), iron machine parts, and possible locations of two former water wells. Information in the Archeological Survey indicated that the farmsteads likely dated to the late-1800s.

Indiana Department of Natural Resources, Indiana Bat Protection Zone Letter, October 20, 2014
 (IDNR Letter)

According to information in the IDNR Letter, Indiana Bat Protection Zones that govern use of the wooded areas are in effect at the Site Parcels. Although there is no map included with the IDNR Letter, the survey plots of the Site Parcels (attached in Appendix A) depict the Indiana Bat Protection Zones (IBPZs) as generally corresponding with the wooded area of the Site Parcels.

 Geotechnical Engineering Investigation, Vermillion Rise Mega Park, Potential West-side Parcel Developments, Patriot Engineering and Environmental, January 12, 2015 (Geotechnical Report).

According to information in the Geotechnical Report, five soil borings were completed on the eastern portion of the West Parcel. The five soil borings, designated B-1 through B-5, were completed to between 25 and 35 feet below ground surface. The soils encountered in the borings generally consisted of silty sands and clays with groundwater depths ranging from approximately 12 to 24 feet below ground surface.

4.3.12 Vapor Encroachment Screen

Burns & McDonnell utilized EDR's Vapor Encroachment Screen on-line tool to assist with the determination of vapor encroachment conditions (VECs). EDR's tool is based on ASTM E2600-15. There were no VECs identified in conjunction with the Site Parcels. Copies of EDR's Vapor Encroachment Screen reports for each of the Site Parcels are included as Appendix J.

4.3.13 Summary of the Past Uses of Adjoining Properties

To the extent that Burns & McDonnell's reviews of historic information for the Site Parcels revealed the historic use of adjoining properties, Burns & McDonnell also gathered information concerning the historic uses of those adjoining properties. The Newport Chemical Depot extends east of the West Parcel and north of the Southwest Parcel, is discussed in depth in Section 4.3.11. The land adjoining the West Parcel to the north was used as a US Coast Guard Long Range Navigation (LORAN) radio station from 1967 until 2010 (http://www.loran-history.info/dana/dana.htm).

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Burns & McDonnell performed reconnaissance of the Site Parcels and publicly visible portions of adjoining properties to obtain information indicating the likelihood of identifying *Recognized Environmental Conditions* in connection with the Site Parcels. Eduardo Gasca, Senior Environmental Engineer with Burns & McDonnell, performed the Site reconnaissance on June 14, 2018. Mr. Gasca was unaccompanied during the Site reconnaissance; however Mr. Gasca interviewed Mr. Chad Harris of the Vermillion Rise Mega Park, for information regarding the Site Parcels prior to the Site Reconnaissance. The following conditions restricted the Site reconnaissance:

• Dense vegetation and undergrowth obscured and prevented traverse of portions of the Site Parcels from direct observation.

5.2 Results of Site Reconnaissance

The following tables summarize the observations made during the Site Parcels reconnaissance:

Table 5-1: Summary of Site Reconnaissance General Observations

Site Feature	Observed	Not Observed	Comments (e.g., Location, Description)
Structures (existing)	X		Some wooden pole fencing with a metal was observed on the West Parcel. No structures were observed on the Southwest Parcel.
Structures (evidence of former)		X	
Hazardous substances and petroleum products in connection with identified uses (other than <i>de minimis</i> quantities of cleaning products)		X	Mr. Harris stated that there is no history of hazardous substance or petroleum product use on the Site Parcels.
Hazardous substances and petroleum products (not necessarily in connection with identified uses)		X	
Aboveground Storage Tanks (ASTs) (existing)		X	Mr. Harris stated that there are no ASTs the Site Parcels.
ASTs (evidence of former)		X	Mr. Harris stated that there are no known former ASTs the Site Parcels.

Site Feature	Observed	Not Observed	Comments (e.g., Location, Description)
Underground Storage Tanks (USTs) (existing)		X	Mr. Harris stated that there are no known former USTs the Site Parcels.
USTs (evidence of former)		X	Mr. Harris stated that there are no known former USTs the Site Parcels.
Oil/Water separator(s)		X	
Unusual/Strong odors		X	
Pools of liquid		X	
Drums or other containers		X	
Unidentified substance containers	X		One metallic funnel-like piece of debris was noted near the south side access gate on the Southwest Parcel.
Polychlorinated biphenyls (PCB)-containing equipment		X	
Hydraulic lifts/hoist(s)		X	
Evidence of leaks, spills, or releases at ASTs, USTs, and/or chemical storage areas		X	
Other conditions of environmental concern		X	

Table 5-2: Summary of Site Reconnaissance Exterior Observations

Site Feature	Observed	Not Observed	Comments (e.g., Location, Description)
Pits/Ponds/Lagoons		X	
Discolored, stained, or stressed soil (potentially from hazardous substances)		X	
Discolored, stained, or stressed vegetation (potentially from hazardous substances)	X		An area of stressed vegetation was observed at the north side of the West Parcel in an area used for staging farming equipment. The area is near W. County Road 200S and east of the former US Coast Guard site.

Site Feature	Observed	Not Observed	Comments (e.g., Location, Description)
Solid waste disposal area(s) (debris - buried, burned, or piled)	Obscived	X	Mr. Harris stated that there is no history of solid waste disposal on the Site Parcels.
Solid waste disposal area(s) (areas apparently filled or graded by non-natural causes)		X	Mr. Harris stated that there is no history of dumping on the Site Parcels.
Solid waste refuse dumpster(s)		X	
Hazardous waste disposal area(s)		X	
Waste or wastewater discharges		X	
Storm water catch basins and drainage	X		Natural surface water features were observed at the Property. A creek runs north-northwest on the western side of the West Parcel. Two creeks enter and exit the Southwest Parcel from the north-northwest to the southeast, and drainage ditches cross the Parcel from the north to south.
Potable water supply		X	
Wells (potable, irrigation, monitoring, agricultural, domestic, injection, dry)		X	Mr. Chad Harris stated that a water well was located in the approximate center of the wooded area on the east portion of the Southwest Parcel. The well was not observed by Burns & McDonnell during the Site Reconnaissance.
Septic system(s)		X	
Sewage disposal system(s)		X	
Stains or corrosion on floors, walls or around drains (other than apparent water stains or minor oil stains on pavement from parked vehicles)		X	

Table 5-3: Summary of Site Reconnaissance Interior Observations

Site Feature	Observed	Not Observed	Comments (e.g., Location, Description)
Heating/Cooling system(s) (fuel sources)		X	
Stains or corrosion on floors, walls or around drains (other than apparent water stains or minor oil stains on pavement)		X	There are no structures on the Property.
Floor drains, sumps, drywells		X	

6.0 INTERVIEWS

Burns & McDonnell interviewed the following persons to obtain information indicating *Recognized Environmental Conditions* in connection with the Site Parcels:

6.1 Interview with Current Owner and Occupant of the Site Parcels

On June 14, 2018, Burns & McDonnell interviewed Mr. Chad Harris of the Newport Chemical Depot Reuse Authority, Property owner, regarding the current and historical use of the Property and adjoining properties, institutional controls, specialized knowledge regarding environmental conditions or concerns, owner, Site Parcels, and occupant information. Information obtained as a result of this interview is presented in the appropriate section(s) of this report. Additional information is presented below.

Mr. Harris stated that the Newport Chemical Depot property, which includes the Site Parcels was owned and operated by the US Army from 1941 to 2011. The Newport Chemical Depot property was sold to the Newport Chemical Depot Reuse Authority in 2011, and is currently known as the Vermillion Rise Mega Park. Mr. Harris stated that, to the best of his knowledge, the West Parcel and the Southwest Parcel were not used for any operations of the former Newport Chemical Depot or for any dumping during ownership by the US Army. According to Mr. Harris, the Site Parcels are leased for cultivated agricultural land by Mr. Jerry Walker except for a 15.4-acre portion at the western side of the West Parcel, which is leased by Mr. Thomas Strubinger for cultivated agricultural land.

On June 14, 2018, Burns & McDonnell interviewed by phone Mr. Leonard Helt. Mr. Helt worked for Mason & Hanger Group, Inc. the government contractor supporting the NECD mission through 2010 and then for NeCDRA and Vermillion Rise Mega Park through December 2017. Mr. Helt worked closely with Ms. Cathleen Collins P.E., the former US Army NECD Chief Engineer. Mr Helt is familiar with the current and historical use of the Property and adjoining properties, institutional controls, specialized knowledge regarding environmental conditions or concerns, owner, Site Parcels, and other relevant information.

Mr. Helt stated that, to the best of his knowledge, the West Parcel and the Southwest Parcel were not used for any US Army mission for the Newport Chemical Depot or for any dumping during ownership by the US Army. According to Mr. Helt, the Site Parcels have been historically leased for cultivated agricultural land and before the US Army took possession of these parcels they were also used as farmland. Mr. Helt does not recall any environmental concern related to the parcels other than the wooded area being part of the Indiana Bat Protection Zone.

On June 25, 2018, Burns & McDonnell interviewed by phone Ms. Cathleen Collins who worked as the US Army Chief Engineer for NECD from 2001 through 2013 supporting mostly environmental matters at the NECD site. Ms. Collins was actively involved with the development of multiple environmental reports including those necessary for transferring ownership of the NECD site. Ms. Collins is also familiar with the current and historical use of the Property and adjoining properties, institutional controls, specialized knowledge regarding environmental conditions or concerns, owner, Site Parcels, and other relevant information.

Ms. Collins stated that, to the best of her knowledge, the West Parcel and the Southwest Parcel were not used for any US Army mission for the Newport Chemical Depot or for any dumping during ownership by the US Army. Ms. Collins stated that she did not recall any investigation or installation of groundwater monitoring wells in any of the two Site Parcels. According to Ms. Collins, the Site Parcels have been used for cultivated agricultural land even before the US Army took possession.

6.2 Interviews with or Information Requests from State and Local Government Officials

Burns & McDonnell inquired with the following state or local government offices: the local fire department and the Vermillion Rise Mega Park. Information obtained as a result of these inquiries is presented in the appropriate section(s) of this report.

7.0 FINDINGS & OPINIONS

7.1 Findings and Opinions

This Phase I ESA has revealed the following findings associated with the Site Parcels. This section includes the Environmental Professional's opinion(s) of the impact at the Site Parcels of known or suspect environmental conditions:

- The Property consists of two separate parcels. The West Parcel comprises approximately 330 acres, and the Southwest Parcel comprises approximately 151 acres. A map of the Property parcels is attached in Appendix A. The Site Parcels are currently used for cultivated agricultural land with areas of woodland. According to historical sources, the Site Parcels have been used as cultivated agricultural land with portions used as farmsteads since the late-1800s and were part of the land owned by the US Army Newport Chemical Depot since 1941. The Newport Chemical Depot extended east from the West Parcel and north from the Southwest Parcel. Based on the available information, the Site Parcels were not used by the Newport Chemical Depot for any purposes other than perimeter farmland.
- Burns & McDonnell's observations during the reconnaissance of the Site Parcels indicate that
 adjoining land of the West Parcel is former industrial to the east, agricultural to the south,
 agricultural to the west, and agricultural to the north. The adjoining land of the Southwest Parcel
 is agricultural to the east, agricultural to the south, agricultural to the west and former industrial to
 the north.
- Farmstead buildings were historically located on the Site Parcels. According to information in the Archeological Report, remnants of the farmsteads including demolition debris (concrete foundation, metal, bricks, glass), a concrete foundation, iron machine parts, and possible locations of two former water wells. Examples of such debris might include building demolition debris that could include asbestos-containing material (ACM) such as pipe insulation, floor tile, roofing, or siding. The presence of the former farmsteads is a *Potential Environmental Concern*.
- The Site Parcels were used for agricultural purposes from at least 1941 until 2018. There is the potential for pesticides and/or herbicides to have been used on the Site Parcels such that they are still present in the soil or groundwater. The use of agricultural chemicals on the Site Parcels is considered a *Potential Environmental Concern*.
- A water well was reportedly located on the Southwest Parcel. The water well was not observed during the Site reconnaissance due to heavy vegetation. Based on the location of the well, it is not believed to be associated with any groundwater monitoring for the former Newport Chemical

- Depot. The presence of the well is not believed to be indicative of groundwater impacts on the Site Parcels.
- The Site Parcels were historically land owned by the US Army as part of the former Newport Chemical Depot. The Site Parcels are located on the west and south perimeter of the former Newport Chemical Depot and were acquired in 1941 as part of that facility. The Newport Chemical Depot manufactured explosives and chemical weapons during the period from the 1940s to the 1970s. The environmental conditions at the Newport Chemical Depot were evaluated as part of transfer of ownership from the US Army to the Newport Chemical Depot Reuse Authority. The nearest upgradient environmental impacts to either of the Site Parcels is the former TNT Burning Ground (TNT-BG) area, which is located approximately 1/4-mile north of the Southwest Parcel. The TNT-BG area was used by the US Army to dispose of burned TNT residue in the 1970s and early-1980s by burning and burying in trenches. As a result, soil and groundwater were impacted with semi-volatile organic compounds (SVOCs) from the materials. Contaminated soil was excavated and treated on-site at the TNT-BG area. Groundwater monitoring results indicated that the target constituent of the TNT residue, 2,4-dinitrotoluene (2,4-DNT), was at highest groundwater concentrations in a monitoring well located on the southern edge of the TNT-BG area. The groundwater contamination plume concentrations decreased down gradient of BG-03 and concentrations of the 2,4-DNT were nondetectable approximately 280 feet down gradient of well BG-03. Based on the information in the Exit Strategy Report, the edge of the contaminated groundwater plume is approximately 1/4-mile north of the Southwest Site Boundary. In addition, groundwater and rainwater that collected in the soil excavations during remediation was treated in the TNT-BG area with carbon filters before discharge into a tributary of Buck Creek, which crosses the Southwest Parcel. Although groundwater contamination continues to be present in the TNT-BG area, the concentrations were found to be decreasing, and the downgradient extent of the contaminated groundwater was defined such that the Indiana Department of Environmental Management (IDEM) discontinued groundwater monitoring as of February 2012. The contaminated groundwater plume is at least 1/4-mile north of the Southwest Parcel, and monitoring wells with no detectable concentrations of the target constituent are located between the plume and the Southwest Parcel. Additionally, none of the SVOCs identified in the TNT-BG area are considered volatile for the purpose of potential vapor encroachment. Therefore, there are no vapor encroachment concerns associated with the TNT-BG area and the Site Parcels. Based on the location of the TNT-BG area relative to the Southwest Parcel and the regulatory status of the TNT-BG area, the groundwater impacts related to the former Newport Chemical Depot are considered *De Minimis Condition* for the Site Parcels.

• The adjoining parcel to the north of the West Parcel (former US Coast Guard Long Range Navigation (LORAN) Station) was identified on the state Leaking Underground Storage Tank (LUST) database. According to information in the Environmental Data Resources (EDR) report, the LUST listing was resolved in 1991 with No Further Action - unconditional closure. Therefore, the former US coast Guard LORAN Station LUST listing is not believed to have impacted the Site Parcels and is a *de minimis* condition.

7.2 Additional Investigation

Because there were no *Recognized Environmental Conditions* identified in conjunction with the Site Parcels, additional investigation is not warranted at this time.

8.0 DATA GAPS

There were no data gaps identified in conjunction with this Phase I ESA, with the exception of the following:

• Dense vegetation and undergrowth obscured and prevented traverse of portions of the Site Parcels for direct observation.

The data gap is not believed to have affected the ability of the Environmental Professional to identify *Recognized Environmental Conditions* in connection with the Site Parcels.

9.0 CONCLUSIONS

We³ have performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-13 of property currently located within the boundaries of the Vermillion Rise Mega Park (Former Newport Chemical Depot) in Newport, Vermillion County, Indiana 47847. Any exceptions to, or deletions from, this practice are described in Section 1.4 and Chapter 10.0 of this report. This assessment has revealed no evidence of *Recognized Environmental Conditions* in connection with the Property.

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³ The term "we" as used in this statement refers to Burns & McDonnell Engineering Company, Inc.

10.0 DEVIATIONS

No deviations from the ASTM Standard Practice E1527-13 standard encountered were encountered during the preparation of the Phase I ESA.

11.0 ADDITIONAL SERVICES

There were no additional services included with this Phase I ESA.

12.0 REFERENCES

- Environmental Data Resources, Inc., *The EDR Aerial Photo Decade Package*, (Site Name, Site Address from report covers), Inquiry Nos. 5334752-6 and 5334752-2. June 15, 2018.
- Environmental Data Resources, Inc., *EDR Environmental Lien and AUL Search*, 1051 East Hilldale, Dana, IN, Inquiry No. 5339941.2, June 26, 2018.
- Environmental Data Resources, Inc., *The EDR Radius MapTM Report with GeoCheck*®, 1051 East Hillsdale, Inquiry No. 5334752.2s June 15, 2018.
- Environmental Data Resources, Inc., *The EDR Radius MapTM Report with GeoCheck*®, 1051 E. Hillsdale, Inquiry No. 5334752.6s June 15, 2018.
- Environmental Data Resources, Inc., *The EDR Vapor Encroachment Screen*, (Site Name, Site Address from report covers), Inquiry Nos. 5334752-6 and 5334752-2. June 15, 2018.
- Finding of Suitability to Transfer (FOST), Newport Chemical Depot, FOST 2 Parcels, Vermillion County, Indiana, July 2012
- Geotechnical Engineering Investigation, Vermillion Rise Mega Park, Potential West-side Parcel Developments, Patriot Engineering and Environmental, January 12, 2015
- Gray, Henry H., Ault, Curtis, H., and Keller, Stanley, J., 1987, Bedrock geologic map of Indiana: Dept. of Natural Resources, Indiana Geological Survey, Miscellaneous Map 48, scale 1:500,000.
- Indiana Department of Natural Resources, Indiana Bat Protection Zone Letter, October 20, 2014
- Loran Station Dana. (n.d.). Retrieved June 22, 2018, from http://www.loran-history.info/dana/dana.htm
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- Phase I Archeological Survey of 1641 Acres in Support of BRAC 2005: Newport Chemical Depot, Brockington and Associates, Inc. June 2011
- Reuse Plan; Newport Chemical Depot, Newport Chemical Reuse Authority, Vermillion County, Indiana, December 2009
- U.S. Army BRAC 2005 Site Inspection Report, Newport Chemical Depot, Newport, Indiana
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- U.S. Environmental Protection Agency. FRS Query Page. Retrieved June 25, 2018 from https://www.epa.gov/enviro/frs-query-page
- United States Geological Survey. Dana, IN. Topographic Map. 1:24,000. Reston, Va: U.S. Department of the Interior, 1955.

- United States Geological Survey. Indianapolis, IN. Topographic Map. 1:250,000. Reston, Va: U.S. Department of the Interior. 1957.
- United States Geological Survey. Indianapolis, IN. Topographic Map. 1:250,000. Reston, Va: U.S. Department of the Interior. 1962.
- United States Geological Survey. Dana, IN. Topographic Map. 1:24,000. Reston, Va: U.S. Department of the Interior. 1978.
- United States Geological Survey. Indianapolis, IN. Topographic Map. 1:250,000. Reston, Va: U.S. Department of the Interior. 1986.

13.0 SIGNATURES AND QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

The following environmental professionals were responsible for this report and declare the following statements:

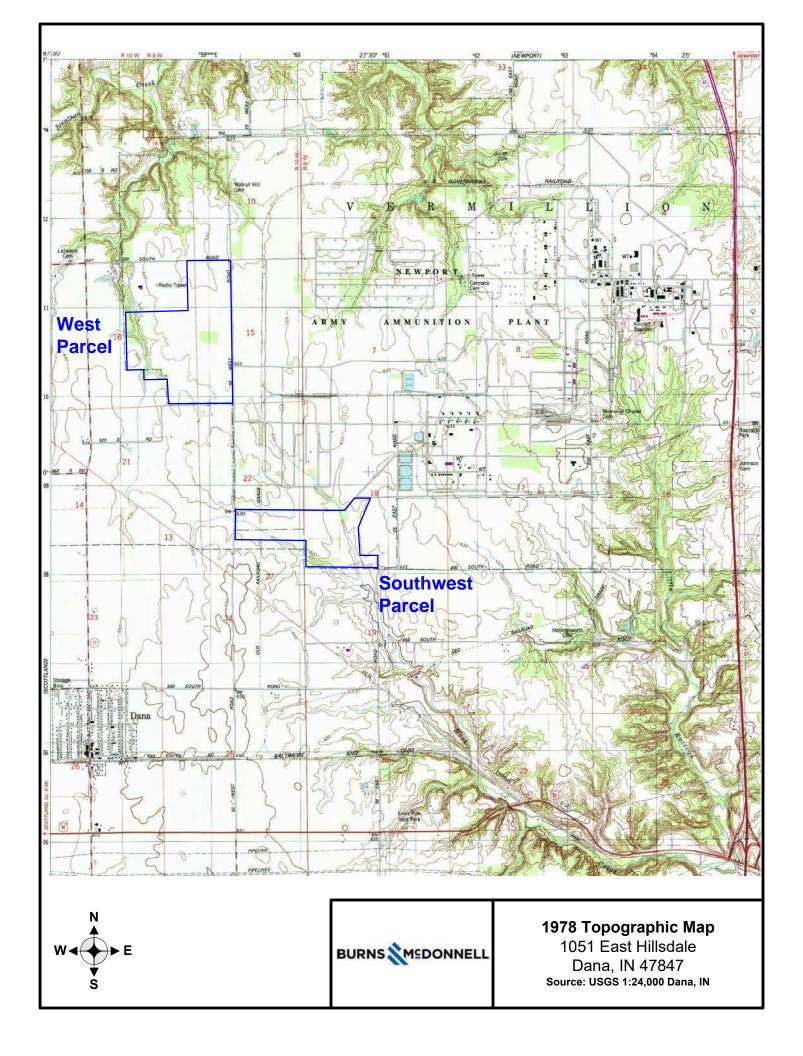
I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in 312.10 of 40 CFR Part 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

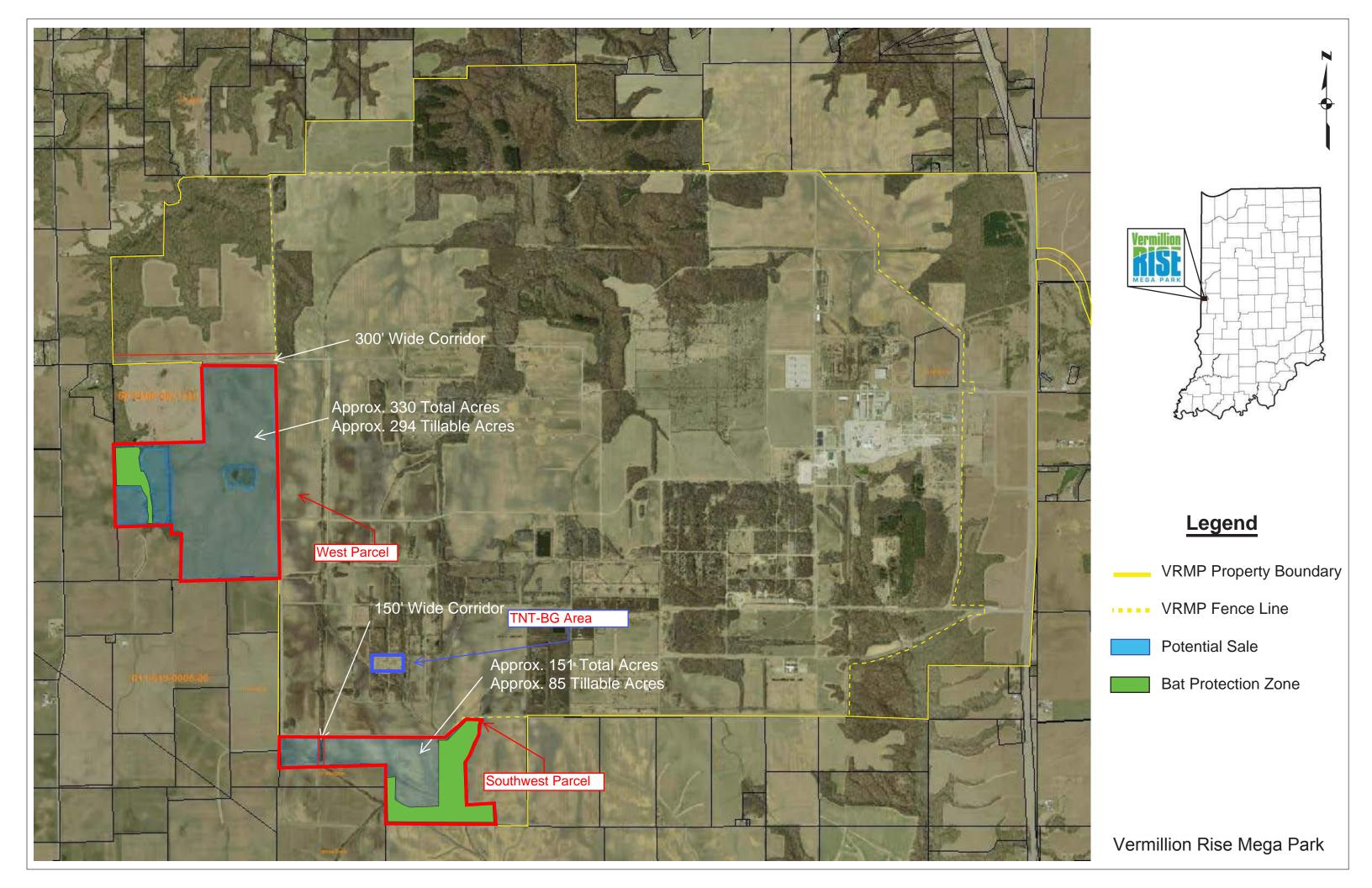
Burns & McDonnell Engineering Company, Inc.,

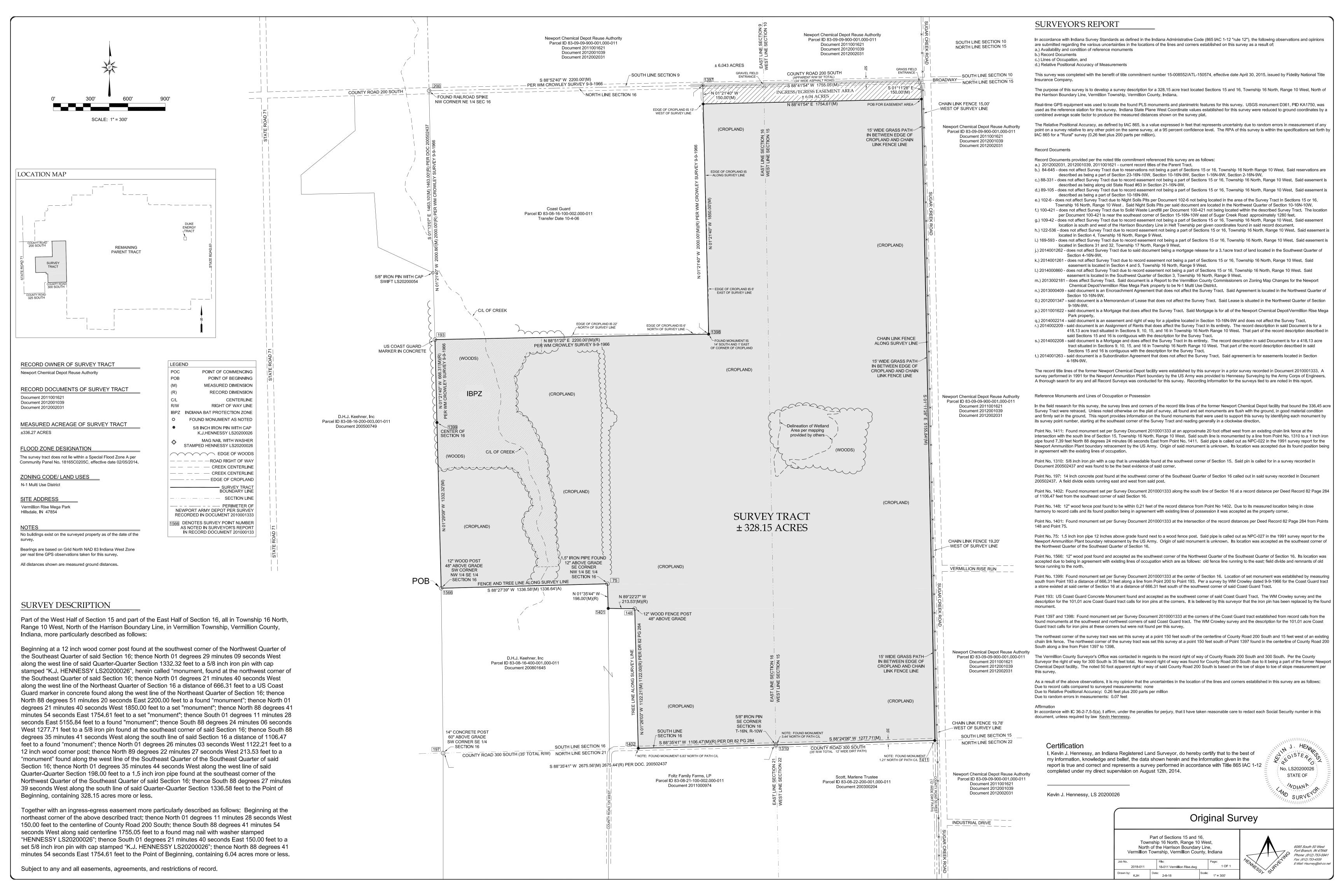
Mr. Erik Brenegan, PG Staff Geologist

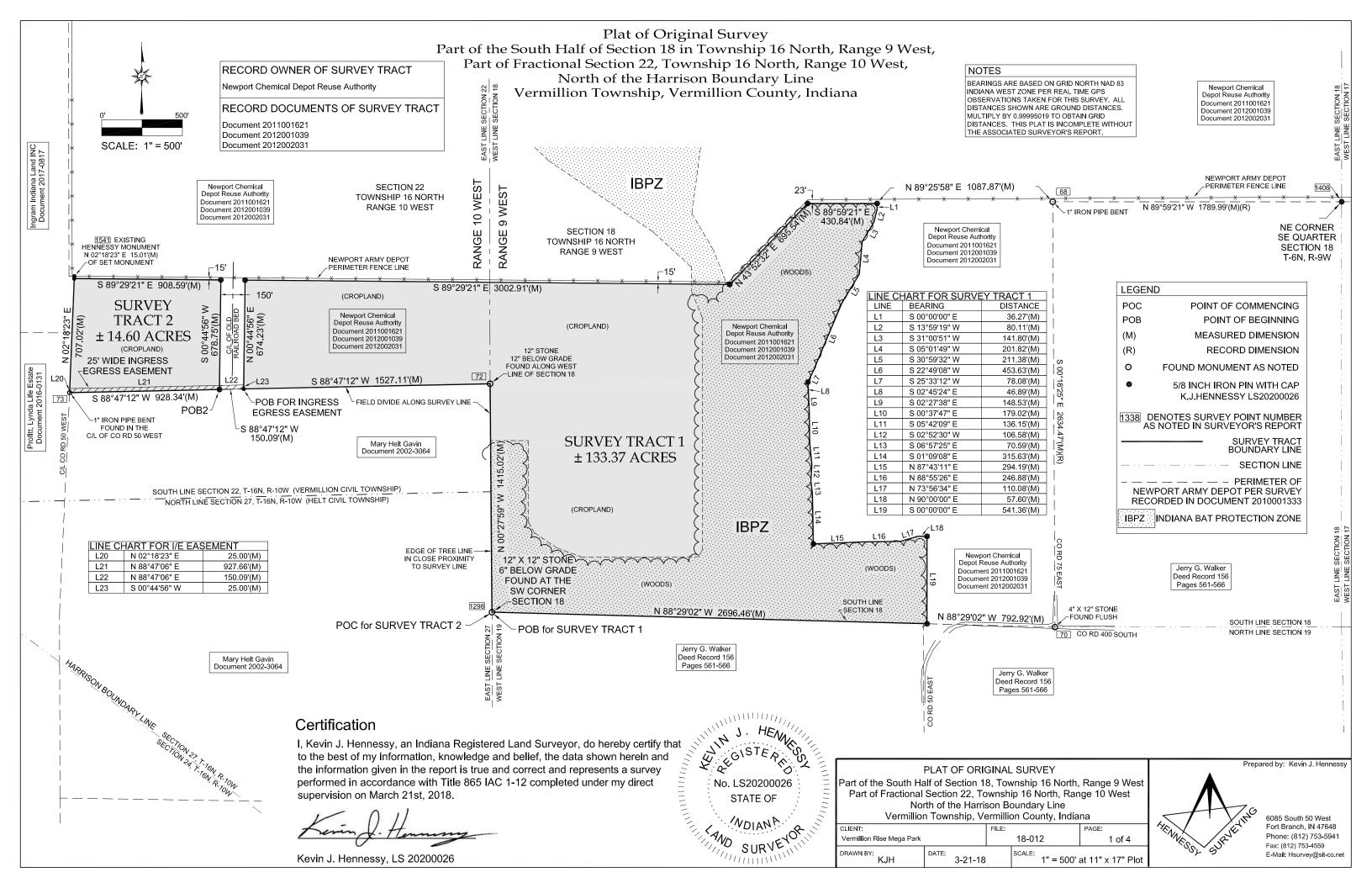
Mr. Eduardo Gasca, PE Senior Environmental Engineer Ms. Sarah Shea-Cahir, PE Senior Environmental Engineer

APPENDIX A - MAPS











Detailed Scope of Work For

ASTM 1527/AAI Compliant Phase I Environmental Site Assessment

1.0 PROJECT/SCOPE OF WORK

The project scope consists of assisting CLIENT with an ASTM 1527-13/AAI compliant Phase I Environmental Site Assessment.

1.1 Regulatory Background Review

- consultant will purchase and review a government database area map search and list report (Report) for the Property. The Report will be purchased from one commercial provider of that service. The Report purchased will use the address of the Property or the approximate latitude and longitude of the center of the Property as its location and will contain the following information:
 - Federal National Priority List (NPL) and State and Tribal Priority List for sites within a one (1) mile search distance of the Property.
 - Federal Delisted NPL site list within one-half (½) mile search distance from the Property.
 - Federal, State and Tribal equivalent Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) list sites, Federal CERCLIS No Further Remedial Action Planned (NFRAP) list sites and State and Tribal landfill and/or solid waste disposal list sites (SWLF) within a one-half (½) mile search distance of the Property.
 - Resource Conservation and Recovery Act (RCRA) Notifiers List for generators at and adjoining the Property.
 - RCRA CORRACTS Treatment, Storage and/or Disposal (TSD) sites within a one
 (1) mile search distance of the Property
 - RCRA Non-CORRACTS TSDs within a one-half (½) mile search distance to the Property.
 - Federal Emergency Response Notification list sites (ERNs) for the Property only.
 - State and Tribal list of registered storage tank lists for tanks on the Property or on adjoining properties.
 - State and Tribal list of reported leaking storage tanks incidents for sites within a one half (½) mile search distance of the Property.
 - Federal, State and Tribal institutional control/engineering control registries for the Property only.
 - State and Tribal voluntary cleanup sites within a one-half (½) mile search distance to the Property.
 - State and Tribal Brownfield sites within a one-half (½) mile search distance to the Property.
- b. CONSULTANT will review historical aerial photographs with an attempt to obtain at least one photograph per decade. The following sources may be used:
 - Either the local County or Township Assessor's office,

- The local office of the United States Natural Resource Conservation Service,
- The City Planning and Zoning Department,
- Commercial Provider.

Aerial photographs will be reviewed in an effort to identify the past uses of the Property. If possible, CONSULTANT will purchase copies of the photographs reviewed, however, CONSULTANT will not purchase copies of more than one photograph per decade.

- c. CONSULTANT will review the USGS 7.5 Minute Topographic Map for the Property to evaluate the regional topography and drainage features on or within ½ mile of the Property.
- d. CONSULTANT will purchase and review historic fire insurance maps (Fire Insurance Maps), if they are available. Fire Insurance Maps will be purchased from one commercial provider of that service. The Fire Insurance Maps purchased will use the street address of the Property as the search criteria. CONSULTANT will review the Fire Insurance Maps, if available, to identify known past uses of the Property.
- e. CONSULTANT will interview the person(s) identified by CLIENT as possessing knowledge of the current and former uses of the Property. CONSULTANT will also interview credible people identified by the current Property owner, if any, that may possess knowledge of the current and former uses of the Property. Attempts will be made to contact and interview both current and past Property owners and/or operators.
- f. CONSULTANT will attempt to review file information concerning the Property at the local fire, building and planning departments and the township or county Assessor's Office, or will interview representatives of these offices by telephone concerning records they have.
- g. CONSULTANT will review reasonably ascertainable published geologic maps or literature for the Property in an effort to identify general types of soil and rock underlying the Property vicinity. CONSULTANT will not conduct intrusive data gathering or sampling of soil, rock or water at the Property, to obtain this information.
- h. CONSULTANT will submit Freedom of Information Act Requests to applicable local, state and/or federal environmental agencies to request copies of file information concerning land and water related matters at the Property. FOIA requests will be sent to the applicable federal and state environmental agencies with authority over land and water issues requesting file information about the Property and adjacent sites, as deemed necessary by the Environmental Professional. The quoted fee in this scope of work does not include more than \$25.00 in search and copying charges for records obtained as a result of these FOIA requests.
- i. CONSULTANT will perform vapor encroachment screening in accordance with ASTM E2600.

1.2 Site Reconnaissance

- a. CONSULTANT will perform a site visit to visually and physically¹ observe the Property. CONSULTANT will perform this site visit in an effort to obtain information that may indicate the likelihood of identifying Recognized Environmental Conditions on the Property.
- b. CONSULTANT will visually observe the Property in an effort to identify transformers or capacitors that may contain polychlorinated biphenyls (PCBs). CONSULTANT will look to see if transformers or capacitors are leaking and attempt to identify visible markings that may confirm their ownership and PCB content.
- c. CONSULTANT will visually observe the Property to identify aboveground storage tanks and visible signs of underground storage tanks (e.g., fill pipes, manways, vent lines, and dispensing pumps).
- d. CONSULTANT will photograph each accessible property line and each accessible side of Property improvements to document the condition of the Property at the time of the site reconnaissance. Finally, CONSULTANT will photograph each area that, at the time of the site reconnaissance, CONSULTANT plans to identify as a Recognized Environmental Condition at the Property.
- e. CONSULTANT will review waste manifests, material safety data sheets, raw materials inventory lists, and tenant lists for a 50-year period, if these records exist and are made available to CONSULTANT by the CLIENT or current owner or current tenants, in an effort to identify issues of environmental relevance to the Property for that time period. Reviews of these documents requiring more than 1 hour are beyond the scope of services of this scope of work and will be billed on a time and expense basis.

1.3 Visual Observation of Adjoining and Surrounding Lands

CONSULTANT will visually and physically observe adjoining properties from the CLIENT's Property and public points of view in an effort to identify use of and apparent environmental threats to the Property posed by adjoining properties. Also, CONSULTANT will visually and physically observe upgradient surrounding properties within ¼-mile of the Property, as shown on the local USGS topographic quadrangle map. CONSULTANT will perform visual observations of surrounding properties from the Property and public points of view in an effort to identify use of and apparent environmental threats to the Property posed by up-gradient surrounding properties

1.4 Sampling

CONSULTANT will not take any samples for soil, groundwater, lead paint, asbestos, mold or vapor intrusion analysis.

¹ Physically observe as used herein means we will also make note of odors that may suggest environmental impact to the Property.

APPENDIX C - EDR ENV	'IRONMENTAL LIEN	SEARCH™ REPORT CON INFORMA	TACT ATION

The EDR Environmental Lien and Activity and Use Limitation Search Report is available for inspection at the following Address:

Vermillion Rise Mega Park Attention: Bob Grewe, Executive Director 1051 W. Indiana Avenue Hillsdale, IN 47854 Telephone No.: (765) 245-2415

e-mail Address: bob.grewe@vermillionrise.com





Photo 1: West Parcel East Limit facing south-southeast from North



Photo 3: West Parcel North Area next to road facing south



Photo 2: West Parcel North Area facing South



Photo 4: West Parcel West Side



Photo 5: West Parcel West Side Ponding Water in IBPZ



Photo 7: West Parcel Facing East from West Side



Photo 6: West Area of West Parcel Facing South



Photo 8: West Parcel East Limits Facing North



Photo 9: Southwest Parcel Northeast corner facing southwest



Photo 11: North Limit of Southwest Parcel Facing West



Photo 10: Water Discharge from North to Southwest Parcel



Photo 12: Southwest Parcel Farmland Northwest of Woods



Photo 13: Southwest Parcel North View of Wooded Ara



Photo 15: Southwest Parcel Southeast Corner Facing North



Photo 14: Southwest Parcel North Limit Facing West



Photo 16: Southwest Parcel South Area Facing North



Photo 17: Southwest Parcel South Area Creek Outfall



Photo 19: Southwest Parcel South Area Creek West of Metallic Gate



Photo 18: Southwest Area South Area Metallic Gate



Photo 20: Southwest Parcel South Area Creek



Photo 21: Southwest Parcel Southwest Corner Facing North



Photo 23: Southwest Parcel Northwest Corner East View



Photo 22: Southwest Parcel Southwest Corner Facing East



Photo 24: Southwest Parcel Northwest Corner Southeast View



1051 East Hillsdale

1051 East Hillsdale Dana, IN 47847

Inquiry Number: 5334752.2s

June 15, 2018

The EDR Radius Map™ Report with GeoCheck®



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

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

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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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1051 EAST HILLSDALE DANA, IN 47847

COORDINATES

Latitude (North): 39.8504650 - 39° 51' 1.67" Longitude (West): 87.4794230 - 87° 28' 45.92"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 458986.3 UTM Y (Meters): 4411060.5

Elevation: 631 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5945765 DANA, IN

Version Date: 2013

Southwest Map: 5681789 SCOTTLAND, IL

Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20141008, 20150812

Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 1051 EAST HILLSDALE DANA, IN 47847

Click on Map ID to see full detail.

MAP RELATIVE DIST (ft. & mi.)

ID SITE NAME ADDRESS DATABASE ACRONYMS ELEVATION DIRECTION

NO MAPPED SITES FOUND

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

rederal NPL site list	
	National Priority List Proposed National Priority List Sites Federal Superfund Liens
Federal Delisted NPL sit	e list
Delisted NPL	National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY	Federal Facility Site Information listing
SEMS	Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE	Superfund	Enterprise	Management	System	Archive

Federal RCRA CORRACTS facilities list

CORRACTS Correct	ctive	Action	Report
------------------	-------	--------	--------

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF RC	RCRA - Treatment,	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

LUCIS	Land Use Control Information System
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_____List of Hazardous Waste Response Sites Scored Using the Indiana Scoring Model

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

Permitted Solid Waste Facilities OPEN DUMPS..... Open Dump Waste Sites

State and tribal leaking storage tank lists

Lust Leaking Underground Storage Tank List INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST...... Indiana Registered Underground Storage Tanks

AST..... Above Ground Storage Tanks

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

State and tribal institutional control / engineering control registries

AUL..... Sites with Restrictions

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing VCP...... Voluntary Remediation Program Site List

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE...... Waste Tire Sites Listing

SWRCY..... Recycling Facilities

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

CDL...... Clandestine Drug Lab Listing

DEL SHWS....... Deleted Commissioner's Bulletin Sites List US CDL........... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS...... Spills Incidents

Other Ascertainable Records

RCRA NonGen / NLR...... RCRA - Non Generators / No Longer Regulated

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TRIS...... Toxic Chemical Release Inventory System

RAATS...... RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER...... PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS...... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV.....Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS..... Aerometric Information Retrieval System Facility Subsystem

US MINES...... Mines Master Index File ABANDONED MINES..... Abandoned Mines

FINDS...... Facility Index System/Facility Registry System

DOCKET HWC..... Hazardous Waste Compliance Docket Listing ECHO..... Enforcement & Compliance History Information

UXO...... Unexploded Ordnance Sites

FUELS PROGRAM..... EPA Fuels Program Registered Listing AIRS..... Permitted Sources & Emissions Listing

ASBESTOS..... Asbestos Notification Listing

CFO...... Confined Feeding Operations COAL ASH Coal Ash Disposal Sites
DRYCLEANERS Drycleaner Facility Listing

Financial Assurance Information Listing

IND WASTE..... Industrial Waste Sites Listing MANIFEST..... Hazardous Waste Manifest Data

NPDES...... NPDES Permit Listing

OISC..... Office of Indiana State Chemist Database

SCP....... State Cleanup Program Sites
TIER 2...... Tier 2 Facility Listing
UIC....... UIC Site Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

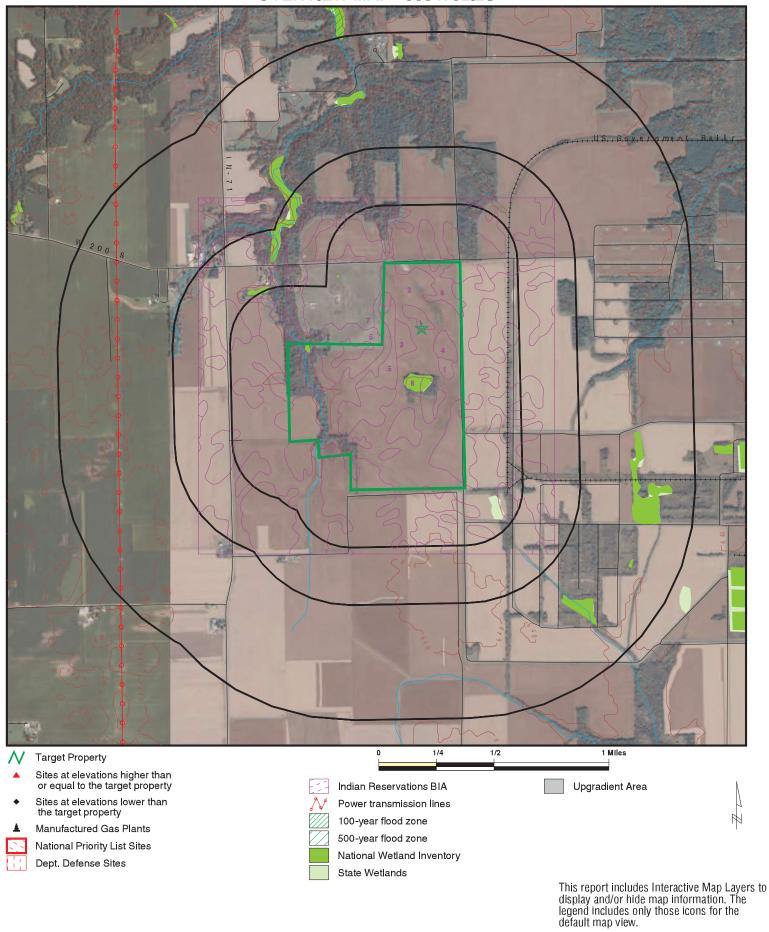
Unmappable (orphan) sites are not considered in the foregoing analysis.

Due to poor or inadequate address informatio	n, the following sites were not mapped. Count: 1 records.
--	---

 Site Name
 Database(s)

 LORAN STATION
 LUST, UST

OVERVIEW MAP - 5334752.2S

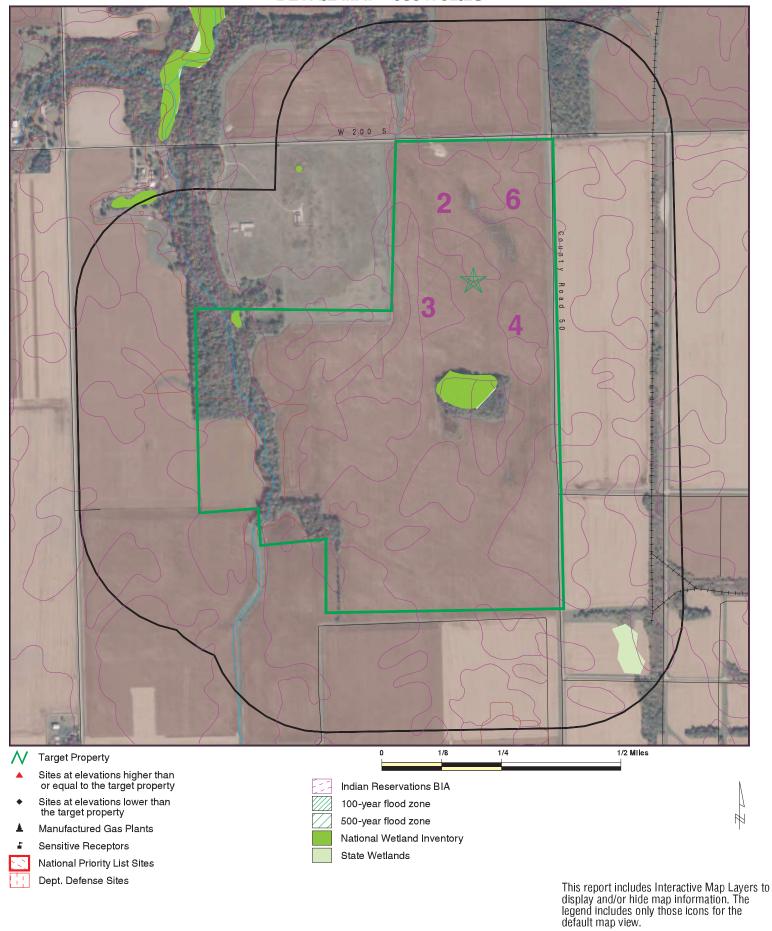


CLIENT: Burns & McDonnell Eng. Co Inc CONTACT: Egasca@burnsmcd.com INQUIRY#: 5334752.2s

DATE: June 15, 2018 5:11 pm

Dana IN 47847 LAT/LONG: 39.850465 / 87.479423

DETAIL MAP - 5334752.2S



CLIENT: Burns & McDonnell Eng. Co Inc CONTACT: Egasca@burnsmcd.com INOUIRY#: 5334752 2s

CONTACT: Egasca@burnsmcd.com INQUIRY#: 5334752.2s DATE: June 15, 2018 5:12 pm

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SITE NAME: 1051 East Hillsdale

1051 East Hillsdale

39.850465 / 87.479423

Dana IN 47847

ADDRESS:

LAT/LONG:

Database		Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 0.001		0 0 0	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	te list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities list	!						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fac	cilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional controls / engineering controls registries								
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equiva	alent CERCLIS							
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill a solid waste disposal site								
SWF/LF OPEN DUMPS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal leaking storage tank lists								
LUST INDIAN LUST	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal registere	ed storage tank	lists						
FEMA UST	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST AST INDIAN UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal institution control / engineering con								
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary	cleanup sites	6						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS							
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
SWTIRE SWRCY INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL CDL DEL SHWS US CDL	0.001 0.001 1.000 0.001		0 0 0	NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR NR NR	0 0 0 0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS SPILLS SPILLS 90 SPILLS 80	0.001 0.011 0.001 0.001		0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
Other Ascertainable Records								
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS	0.250 1.000 1.000 0.500		0 0 0 0	0 0 0 0	NR 0 0 0	NR 0 0 NR	NR NR NR NR	0 0 0 0

	Search Distance	Target						Total
Database	(Miles)	Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	<u>> 1</u>	Plotted
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		Ö	NR	NR	NR	NR	Ö
2020 COR ACTION	0.250		Ö	0	NR	NR	NR	Ö
TSCA	0.001		Õ	NR	NR	NR	NR	Ö
TRIS	0.001		Õ	NR	NR	NR	NR	Ö
SSTS	0.001		Ö	NR	NR	NR	NR	Ö
ROD	1.000		Ö	0	0	0	NR	Ö
RMP	0.001		Ö	NR	NR	NR	NR	Ö
RAATS	0.001		Ö	NR	NR	NR	NR	Ö
PRP	0.001		0	NR	NR	NR	NR	Ö
PADS	0.001		Ö	NR	NR	NR	NR	Ö
ICIS	0.001		0	NR	NR	NR	NR	Ö
FTTS	0.001		0	NR	NR	NR	NR	Ö
MLTS	0.001		Ō	NR	NR	NR	NR	Ö
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BULK	0.250		0	0	NR	NR	NR	0
CFO	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
IND WAS IE	0.250		0	0	NR	NR	NR	0
MANIFEST NPDES	0.250		0	0	NR	NR	NR	0
	0.001		0	NR	NR NB	NR NB	NR NB	0
OISC SCP	0.250 0.500		0	0 0	NR 0	NR NR	NR NR	0
			0	-				0
TIER 2 UIC	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
UIC	0.001		U	INIX	INIX	INIX	INIX	U
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
			Ŭ	•	•	Ŭ		•

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto EDR Hist Cleaner	0.125 0.125		0	NR NR	NR NR	NR NR	NR NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered	Govt. Archives							
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals		0	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID		MAP FINDINGS		
Direction			ı	EDD 10 11 1
Distance				EDR ID Number
Elevation	Site		Database(s)	EPA ID Number

NO SITES FOUND

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DANA	U004129994		555 W CR 200 S	47847	LUST, UST

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: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Number of Days to Update: 14 Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Number of Days to Update: 14 Next Scheduled EDR Contact: 07/16/2018
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 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 14

Source: EPA Telephone: N/A

Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016 Date Data Arrived at EDR: 01/05/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 92

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 66

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 66

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 07/30/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, 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.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency Telephone: 312-886-6186

Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

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: 02/16/2018 Date Data Arrived at EDR: 02/22/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 78

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/09/2018

Next Scheduled EDR Contact: 08/27/2018 Data Release Frequency: Varies

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: 02/13/2018 Date Data Arrived at EDR: 02/27/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

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: 02/13/2018 Date Data Arrived at EDR: 02/27/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018

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: 03/19/2018 Date Data Arrived at EDR: 03/27/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: List of Hazardous Waste Response Sites Scored Using the Indiana Scoring Model

List of hazardous waste response sites scored utilizing the Indiana Scoring Model. The Indiana Scoring Model is a method of prioritizing, for state response actions, those hazardous substances response sites which are not on the National Priorities List. The ISM serves as the Commissioners management tool to address those sites which pose the most significant threat to human health and the environment in addition to assuring the departments resources are allocated accordingly.

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 08/27/2007 Date Made Active in Reports: 09/18/2007

Number of Days to Update: 22

Source: Department of Environmental Management

Telephone: 317-308-3052 Last EDR Contact: 05/23/2018

Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

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

SWF/LF: Permitted 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: 02/02/2018 Date Data Arrived at EDR: 03/16/2018 Date Made Active in Reports: 04/18/2018

Number of Days to Update: 33

Source: Department of Environmental Management

Telephone: 317-232-0066 Last EDR Contact: 03/12/2018

Next Scheduled EDR Contact: 06/25/2018 Data Release Frequency: Semi-Annually

OPEN DUMPS: Open Dump Waste Sites

Open Dumps are sites that are not regulated and are illegal dump sites of solid waste, as defined by IAC 10-2-28 329 and IAC 10-2-128 of the Indiana Administrative Code.

Date of Government Version: 06/26/2009 Date Data Arrived at EDR: 12/11/2013 Date Made Active in Reports: 01/20/2014

Number of Days to Update: 40

Source: Department of Environmental Management

Telephone: 317-232-8726 Last EDR Contact: 06/08/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Lust Leaking Underground Storage Tank List

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: 02/01/2018 Date Data Arrived at EDR: 02/28/2018 Date Made Active in Reports: 03/06/2018

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 317-232-8900 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/16/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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

Date of Government Version: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/16/2018

Next Scheduled EDR Contact: 08/06/2018 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: 10/24/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 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: 09/30/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: Environmental Protection Agency Telephone: 415-972-3372

Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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: 10/12/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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

Date of Government Version: 10/12/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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

Date of Government Version: 01/06/2018 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 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: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Varies

UST: Indiana Registered Underground Storage Tanks

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: 02/01/2018 Date Data Arrived at EDR: 02/28/2018 Date Made Active in Reports: 03/06/2018

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 317-308-3008 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

A listing of aboveground storage tank sites that reported under the emergency rule.

Date of Government Version: 01/25/2017 Date Data Arrived at EDR: 05/16/2017 Date Made Active in Reports: 09/06/2017

Number of Days to Update: 113

Source: N/A

Telephone: 317-232-2393 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/20/2018

Data Release Frequency: N/A

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: 10/24/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 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: 10/12/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018

Data Release Frequency: Varies

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: 01/13/2018 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 04/24/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 134

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 10/16/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 09/30/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 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).

Date of Government Version: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/16/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Sites with Restrictions

Activity and use limitations include both engineering controls and institutional controls. A listing of Comfort/Site Status Letter sites that have been issued with controls.

Date of Government Version: 02/06/2018 Date Data Arrived at EDR: 03/15/2018 Date Made Active in Reports: 04/17/2018

Number of Days to Update: 33

Source: Department of Environmental Management

Telephone: 317-232-8603 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 03/21/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Varies

VCP: Voluntary Remediation Program Site List

A current list of Voluntary Remediation Program sites that are no longer confidential.

Date of Government Version: 04/09/2018 Date Data Arrived at EDR: 04/12/2018 Date Made Active in Reports: 06/01/2018

Number of Days to Update: 50

Source: Department of Environmental Management

Telephone: 317-234-0966 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A brownfield site is an industrial or commercial property that is abandoned, inactive, or underutilized, on which expansion or redevelopment is complicated due to the actual or perceived environmental contamination.

Date of Government Version: 02/06/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 04/18/2018

Number of Days to Update: 48

Source: Department of Environmental Management

Telephone: 317-233-2570 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/19/2018 Date Data Arrived at EDR: 03/21/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/21/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Waste Tire Sites Listing

This listing consists of Tire Sites - sites which contain tires - either for processing, for storage, or transport - as well as some illegal tire dumps, as defined by IC 13-11-2-251, IC 13-11-2-252, and IC 13-11-250.5 of the

Indiana Code.

Date of Government Version: 08/04/2015 Date Data Arrived at EDR: 09/09/2015 Date Made Active in Reports: 10/07/2015

Number of Days to Update: 28

Source: Department of Environmental Management

Telephone: 317-232-8726 Last EDR Contact: 06/08/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Varies

SWRCY: Recycling Facilities

A listing of recycling facilities located in the state of Indiana.

Date of Government Version: 05/07/2018 Date Data Arrived at EDR: 05/07/2018 Date Made Active in Reports: 05/09/2018

Number of Days to Update: 2

Source: Department of Environmental Management

Telephone: 317-234-4050 Last EDR Contact: 04/11/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Varies

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: 01/30/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Varies

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: 415-947-4219 Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: No Update Planned

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

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 05/04/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 71

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Listing

A listing of clandestine drub labs that have been cleaned up.

Date of Government Version: 08/29/2016 Date Data Arrived at EDR: 10/05/2016 Date Made Active in Reports: 10/20/2016

Number of Days to Update: 15

Source: Department of Environmental Management

Telephone: 317-416-5031 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Quarterly

DEL SHWS: Deleted Commissioner's Bulletin Sites List

A listing of sites deleted/removed from the Commissioner's Bulletin List

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/04/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 10

Source: Department of Environmental Management

Telephone: 317-234-0347 Last EDR Contact: 05/23/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

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: 02/22/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 71

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/10/2018 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: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 94

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Semi-Annually

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: 03/26/2018 Date Data Arrived at EDR: 03/27/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

SPILLS: Spills Incidents

Oil, hazardous, or objectionable materials that may be released to soil and water.

Date of Government Version: 01/31/2018 Date Data Arrived at EDR: 02/28/2018 Date Made Active in Reports: 03/06/2018

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 317-308-3038 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/07/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/11/2013

Number of Days to Update: 39

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 09/11/2002 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/28/2013

Number of Days to Update: 56

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

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: 01/31/2015 Date Data Arrived at EDR: 07/08/2015 Date Made Active in Reports: 10/13/2015

Number of Days to Update: 97

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/25/2018

Next Scheduled EDR Contact: 09/03/2018
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: 888-275-8747 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated 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.

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: 04/11/2018

Next Scheduled EDR Contact: 07/23/2018

Data Release Frequency: N/A

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: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/15/2018

Next Scheduled EDR Contact: 08/27/2018 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 01/11/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 03/02/2018

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/07/2018

Next Scheduled EDR Contact: 08/20/2018 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/08/2018

Next Scheduled EDR Contact: 08/20/2018 Data Release Frequency: Varies

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: 12/31/2016 Date Data Arrived at EDR: 06/21/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/23/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Every 4 Years

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: 12/31/2016 Date Data Arrived at EDR: 01/10/2018 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 2

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/25/2018

Next Scheduled EDR Contact: 09/03/2018 Data Release Frequency: Annually

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: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/09/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Annually

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: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 94

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/20/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 10/17/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 3

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 08/20/2018 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: 06/01/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 126

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018 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: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 04/09/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Quarterly

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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

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: 08/30/2016 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/20/2018 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 06/07/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/04/2018

Next Scheduled EDR Contact: 09/17/2018 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: 05/24/2017 Date Data Arrived at EDR: 11/30/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 15

Source: Environmental Protection Agency Telephone: 202-566-0517

Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 01/03/2018 Date Data Arrived at EDR: 01/04/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 99

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/05/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Quarterly

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 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

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 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/13/2018 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: 12/31/2017 Date Data Arrived at EDR: 01/24/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Varies

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: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/25/2018

Next Scheduled EDR Contact: 09/03/2018 Data Release Frequency: Biennially

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: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/11/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016 Date Data Arrived at EDR: 12/27/2016 Date Made Active in Reports: 02/17/2017

Number of Days to Update: 52

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 05/07/2018

Next Scheduled EDR Contact: 08/20/2018 Data Release Frequency: Varies

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: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 09/03/2018 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 03/02/2018

Number of Days to Update: 24

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 07/16/2018

Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Telephone: 202-564-2496

Last EDR Contact: 09/26/2017

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US 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: 01/25/2018 Date Data Arrived at EDR: 02/28/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 72

3 34 0 Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 05/31/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018 Date Data Arrived at EDR: 03/13/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 87

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/24/2018 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: 02/21/2018 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 28

Source: EPA Telephone: (312) 353-2000 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 73

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018 Date Data Arrived at EDR: 03/17/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 06/01/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/20/2018 Date Data Arrived at EDR: 02/21/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 30

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 05/23/2018

Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

AIRS: Permitted Sources & Emissions Listing

Current permitted sources and emissions inventory information.

Date of Government Version: 08/03/2016 Date Data Arrived at EDR: 08/05/2016 Date Made Active in Reports: 08/23/2016

Number of Days to Update: 18

Source: Department of Environmental Management

Telephone: 317-233-0185 Last EDR Contact: 03/29/2018

Next Scheduled EDR Contact: 07/16/2018

Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

A listing of asbestos notification site locations.

Date of Government Version: 04/25/2018 Date Data Arrived at EDR: 05/02/2018 Date Made Active in Reports: 05/24/2018

Number of Days to Update: 22

Source: Department of Environmental Management

Telephone: 317-233-0178 Last EDR Contact: 04/25/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Varies

BULK: Registered Bulk Fertilizer and Pesticide Storage Facilities

A listing of registered dry or liquid bulk fertilizer and pesticide storage facilities.

Date of Government Version: 05/01/2017 Date Data Arrived at EDR: 05/11/2017 Date Made Active in Reports: 09/07/2017

Number of Days to Update: 119

Source: Office of Indiana State Chemist

Telephone: 765-494-0579 Last EDR Contact: 05/23/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Varies

CFO: Confined Feeding Operations

This dataset consists of Confined Feeding Operations - i.e. A swine, chicken, turkey, beef or dairy agri-business that has large enough numbers of animals that IDEM regulates for environmental concerns, as defined by IC 13-18-10 of the Indiana Code.

Date of Government Version: 09/03/2013 Date Data Arrived at EDR: 12/11/2013 Date Made Active in Reports: 01/17/2014

Number of Days to Update: 37

Source: Department of Environmental Management

Telephone: 317-232-8726 Last EDR Contact: 12/12/2014

Next Scheduled EDR Contact: 03/23/2015

Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash disposal site locations.

Date of Government Version: 11/19/2016 Date Data Arrived at EDR: 01/04/2017 Date Made Active in Reports: 01/20/2017

Number of Days to Update: 16

Source: Department of Environmental Management

Telephone: 317-233-4624 Last EDR Contact: 06/07/2018

Next Scheduled EDR Contact: 09/24/2018

Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A list of drycleaners involved in the Indiana 5-Star Environmental Recognition Program. It is a voluntary program that ranks participating drycleaners on a scale of one to five stars. The program recognizes those drycleaners willing to do more for the environment and worker safety than the rules require. These drycleaners are going above and beyond the rules to protect the environment, their employees and their neighbors and customers.

Date of Government Version: 10/17/2017 Date Data Arrived at EDR: 03/13/2018 Date Made Active in Reports: 04/18/2018

Number of Days to Update: 36

Source: Department of Environmental Management

Telephone: 800-988-7901 Last EDR Contact: 06/07/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 04/04/2018 Date Data Arrived at EDR: 04/06/2018 Date Made Active in Reports: 05/24/2018

Number of Days to Update: 48

Source: Department of Environmental Management

Telephone: 317-233-1052 Last EDR Contact: 03/29/2018

Next Scheduled EDR Contact: 07/16/2018

Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 04/04/2018 Date Data Arrived at EDR: 04/06/2018 Date Made Active in Reports: 05/24/2018

Number of Days to Update: 48

Source: Department of Environmental Management

Telephone: 317-233-1052 Last EDR Contact: 03/29/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Varies

IND WASTE: Industrial Waste Sites Listing

The listing contains industrial waste site locations in Indiana, provided by personnel of Indiana Department of Environmental Management, Office of Land Quality.

Date of Government Version: 08/04/2015 Date Data Arrived at EDR: 09/09/2015 Date Made Active in Reports: 10/07/2015

Number of Days to Update: 28

Source: Department of Environmental Management

Telephone: 317-232-8726 Last EDR Contact: 06/08/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

IN MANIFEST: 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: 12/31/2016 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 12/05/2017

Number of Days to Update: 63

Source: Department of Environmental Management

Telephone: 317-233-4624 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Annually

NPDES: NPDES Permit Listing

A listing of active NPDES Permit Section facility locations.

Date of Government Version: 04/29/2018 Date Data Arrived at EDR: 05/04/2018 Date Made Active in Reports: 05/24/2018

Number of Days to Update: 20

Source: Department of Environmental Management

Telephone: 317-233-0676 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Varies

OISC: Office of Indiana State Chemist Database

Restricted use pesticide dealers and pesticide & fertilizer applicators.

Date of Government Version: 03/19/2018 Date Data Arrived at EDR: 03/21/2018 Date Made Active in Reports: 04/18/2018

Number of Days to Update: 28

Source: Office of Indiana State Chemist & Seed

Telephone: 765-494-1492 Last EDR Contact: 03/21/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Quarterly

SCP: State Cleanup Program Sites

The goals for the State Cleanup Section are to mitigate risk to human health and the environment.

Date of Government Version: 08/29/2016 Date Data Arrived at EDR: 08/29/2016 Date Made Active in Reports: 10/20/2016

Number of Days to Update: 52

Source: Department of Environmental Management

Telephone: 317-233-0068 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Quarterly

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 09/07/2017

Number of Days to Update: 44

Source: Department of Environmental Management

Telephone: 317-233-0066 Last EDR Contact: 06/07/2018

Next Scheduled EDR Contact: 09/10/2018

Data Release Frequency: Varies

UIC: UIC Site Listing

A listing of class II well locations

Date of Government Version: 02/23/2018 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 04/19/2018

Number of Days to Update: 55

Source: Department of Natural Resources

Telephone: 317-232-0045 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Indiana.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Management Telephone: N/A Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Indiana.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/20/2014
Number of Days to Update: 203

Source: Department of Environmental Management Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Indiana.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Management

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

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: 01/03/2018 Date Data Arrived at EDR: 02/14/2018 Date Made Active in Reports: 03/22/2018

Date Made Active in Reports: 03/22/20 Number of Days to Update: 36 Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/27/2018

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/11/2017 Date Made Active in Reports: 07/27/2017

Number of Days to Update: 107

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/23/2018

Next Scheduled EDR Contact: 07/23/2018 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: 04/30/2018 Date Data Arrived at EDR: 05/03/2018 Date Made Active in Reports: 06/07/2018

Number of Days to Update: 35

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 09/25/2017

Number of Days to Update: 62

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/12/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 04/09/2018

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/21/2018

Next Scheduled EDR Contact: 09/03/2018 Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.

Date of Government Version: 01/12/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 02/13/2018

Number of Days to Update: 25

Source: Department of Environmental Conservation

Telephone: 802-241-3443 Last EDR Contact: 04/16/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/13/2017 Date Made Active in Reports: 07/14/2017

Number of Days to Update: 92

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/11/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). 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.

Electric Power Transmission Line Data

Source: PennWell Corporation

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Listing

Source: Family & Social Services Administration

Telephone: 317-232-4740

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: US Fish & Wildlife Service

Telephone: 703-358-2171

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1051 EAST HILLSDALE 1051 EAST HILLSDALE DANA, IN 47847

TARGET PROPERTY COORDINATES

Latitude (North): 39.850465 - 39° 51' 1.67" Longitude (West): 87.479423 - 87° 28' 45.92"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 458986.3 UTM Y (Meters): 4411060.5

Elevation: 631 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5945765 DANA, IN

Version Date: 2013

Southwest Map: 5681789 SCOTTLAND, IL

Version Date: 2012

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 principal 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.

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).

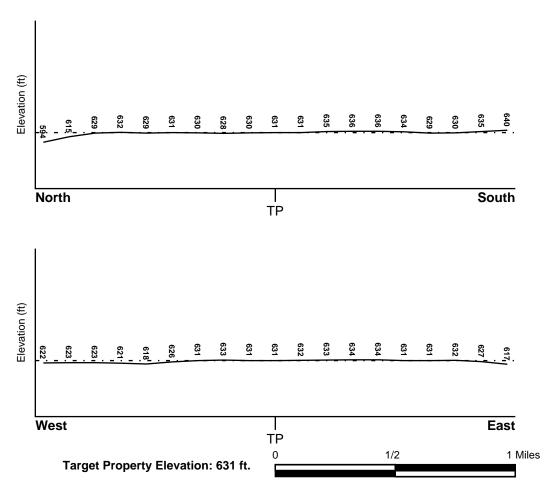
TOPOGRAPHIC INFORMATION

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.

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

Flood Plain Panel at Target Property FEMA Source Type

18165C0205C FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

DANA 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.

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

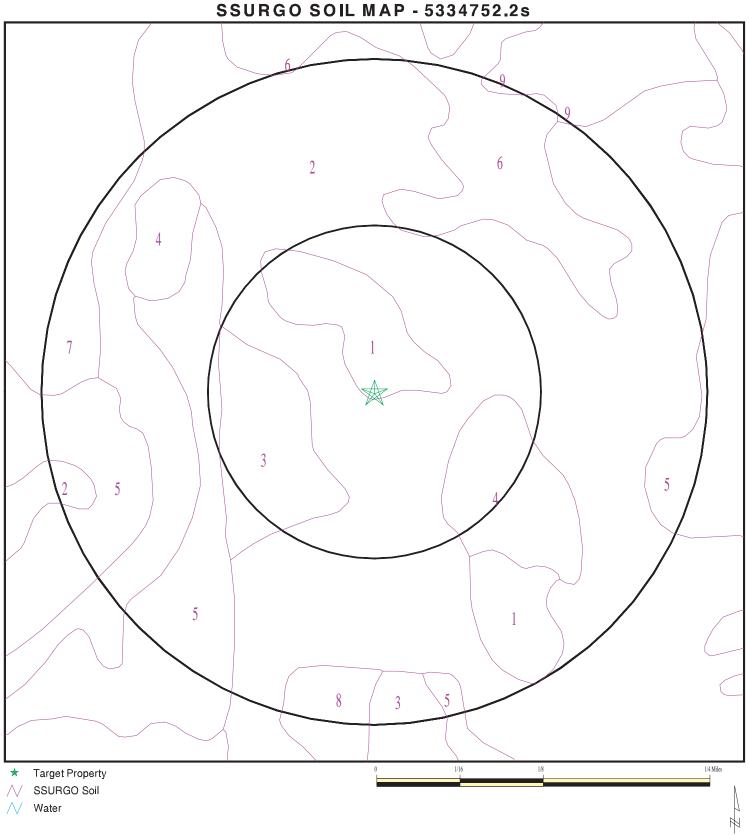
GEOLOGIC AGE IDENTIFICATION

Era: Paleozoic Category: Stratifed Sequence

System: Pennsylvanian
Series: Des Moinesian Series

Code: PP2 (decoded above as Era, System & Series)

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).



SITE NAME: 1051 East Hillsdale ADDRESS: 1051 East Hillsdale Dana IN 47847 39.850465 / 87.479423 LAT/LONG:

CLIENT: Burns & McDonnell Eng. Co Inc CONTACT: Egasca@burnsmcd.com INQUIRY#: 5334752.2s

June 15, 2018 5:12 pm DATE:

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: Fincastle

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

			Soil Layer	Information			
	Вои	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic	Soil Reaction (pH)
Layer	Upper	Lower		AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
2	11 inches	38 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: 14.11 Min: 4.23	Max: 6.5 Min: 4.5
3	38 inches	50 inches	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: 7.06 Min: 4.23	Max: 7.8 Min: 5.1
4	50 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.14	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Sable

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information Saturated **Boundary** Classification hydraulic conductivity Layer Upper Lower Soil Texture Class **AASHTO Group Unified Soil Soil Reaction** (pH) micro m/sec 1 0 inches 14 inches silty clay loam Silt-Clay FINE-GRAINED Max: 14.11 Max: 7.3 SOILS, Silts and Min: 5.6 Materials (more Min: 4.23 than 35 pct. Clays (liquid passing No. limit less than 200), Clayey 50%), Lean Clay Soils. FINE-GRAINED 2 14 inches 53 inches Silt-Clay Max: 14.11 Max: 7.8 silty clay loam Materials (more SOILS, Silts and Min: 4.23 Min: 5.6 than 35 pct. Clays (liquid limit less than passing No. 200), Clayey 50%), Lean Clay Soils. 3 53 inches Silt-Clay FINE-GRAINED Max: 14.11 72 inches silt loam Max: 8.4 Materials (more SOILS, Silts and Min: 0.42 Min: 6.6 than 35 pct. Clays (liquid passing No. limit less than 50%), Lean Clay 200), Silty Soils. FINE-GRAINED Max: 14.11 Max: 8.4 4 72 inches 79 inches loam Silt-Clay Materials (more SOILS, Silts and Min: 1.41 Min: 7.4 than 35 pct. Clays (liquid passing No. limit less than 200), Silty 50%), Lean Clay Soils.

Soil Map ID: 3

Soil Component Name: Proctor

Soil Surface Texture: silt loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

			Soil Layer	r Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	Oon Roadion
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	18 inches	silt 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: 14.11 Min: 4.23	Max: 7.8 Min: 5.1
2	18 inches	33 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
3	33 inches	50 inches	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: 42.34 Min: 4.23	Max: 7.3 Min: 5.6
4	50 inches	72 inches	stratified loam to sandy loam to silt 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: 42.34 Min: 4.23	Max: 7.8 Min: 6.1

Soil Map ID: 4

Soil Component Name: Russell

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 145 inches

			Soil Layer	r Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	51 inches	57 inches	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: 4.23 Min: 1.41	Max: 8.4 Min: 6.6
2	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
3	7 inches	12 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: 14.11 Min: 4.23	Max: 6 Min: 4.5
4	12 inches	27 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: 14.11 Min: 4.23	Max: 6 Min: 4.5

	Soil Layer Information								
	Вои	ındary		Classi	fication	Saturated hydraulic	Soil Reaction (pH)		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec			
5	27 inches	51 inches	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: 14.11 Min: 4.23	Max: 7.3 Min: 5.1		
6	57 inches	79 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.07	Max: 8.4 Min: 7.4		

Soil Map ID: 5

Soil Component Name: Flanagan

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		vity Soil Reaction	
1	0 inches	16 inches	silt 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.1	

	Soil Layer Information								
	Bou	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic			
Layer	Upper	Lower		AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
2	16 inches	57 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.6		
3	57 inches	66 inches	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: 14.11 Min: 4.23	Max: 8.4 Min: 7.4		
4	66 inches	83 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.14	Max: 8.4 Min: 6.1		

Soil Map ID: 6

Soil Component Name: Starks

Soil Surface Texture: silt loam

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures. Hydrologic Group:

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

			Soil Layer	r Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
2	11 inches	38 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: 14.11 Min: 4.23	Max: 6.5 Min: 5.1
3	38 inches	61 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.1
4	61 inches	72 inches	stratified loamy sand to silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 14.11	Max: 7.8 Min: 5.1

Soil Map ID: 7

Soil Component Name: Reesville
Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

	Soil Layer Information								
	Bou	ındary		Classi	fication	Saturated hydraulic	Soil Reaction (pH)		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec			
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1		
2	11 inches	38 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: 14.11 Min: 4.23	Max: 7.8 Min: 5.1		
3	38 inches	53 inches	silt 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: 14.11 Min: 4.23	Max: 8.4 Min: 7.4		
4	53 inches	66 inches	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: 0.14	Max: 8.4 Min: 7.4		

Soil Map ID: 8

Soil Component Name: Palms Soil Surface Texture: muck

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 7 inches

	Soil Layer Information							
	Bou	ındary		Classi	fication	Saturated hydraulic		
Layer	ver Upper Lower Soil Texture Class AASHTO Group Unified S	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)				
1	0 inches	40 inches	muck	A-8	Highly organic soils, Peat.	Max: 42.34 Min: 1.41	Max: Min:	
2	40 inches	72 inches	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: 14.11 Min: 1.41	Max: Min:	

Soil Map ID: 9

Soil Component Name: Ragsdale

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information								
	Bou	indary		Classi	fication	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	12 inches	silt 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: 14.11 Min: 4.23	Max: 7.3 Min: 6.1	
2	12 inches	46 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: 14.11 Min: 4.23	Max: 7.3 Min: 6.1	

	Soil Layer Information								
	Bou	ındary		Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec			
3	46 inches	57 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4		
4	57 inches	79 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.14	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.

W

ELL SEARCH DISTANCE	E INFORMATION	
DATABASE	SEARCH DISTANCE (miles)	

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 0.001 miles

State Database 1.000

FEDERAL USGS WELL INFORMATION

LOCATION MAP ID FROM TP WELL ID No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

LOCATION MAP ID WELL ID FROM TP No PWS System Found

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

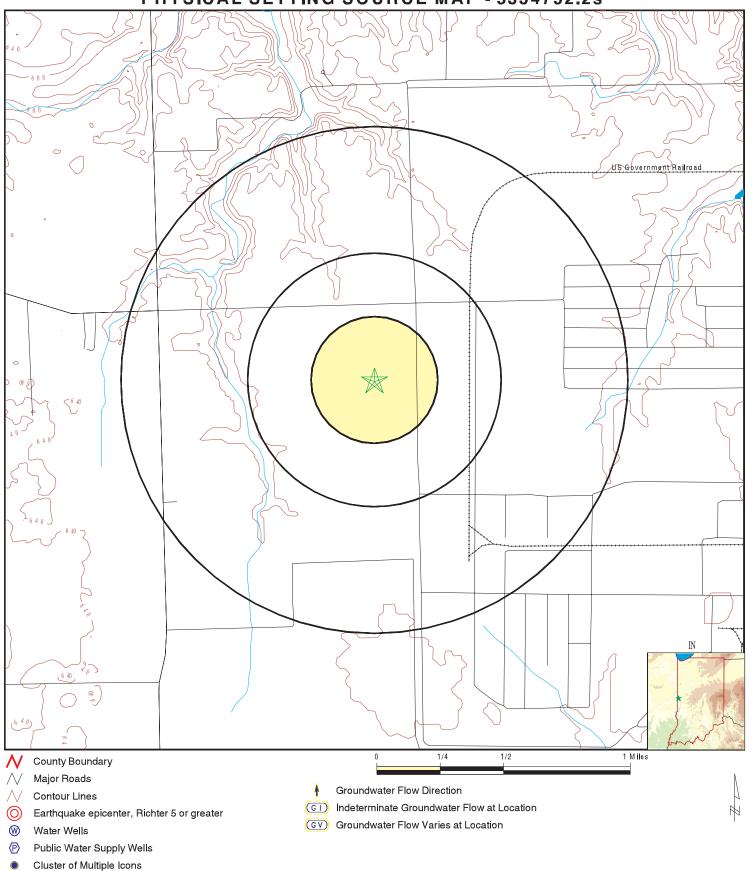
GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 5334752.2s



SITE NAME: 1051 East Hillsdale ADDRESS: 1051 East Hillsdale Dana IN 47847

Dana IN 47847 LAT/LONG: 39.850465 / 87.479423 CLIENT: Burns & McDonnell Eng. Co Inc CONTACT: Egasca@burnsmcd.com

INQUIRY #: 5334752.2s

DATE: June 15, 2018 5:12 pm

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: IN Radon

Radon Test Results

Zipcode	Year	Test Type	Location	Result
47847	0	Short Term	Other	0.8
47847	0	Short Term	Other	0.7
47847	1996	Short Term	Other	2.4

Federal EPA Radon Zone for VERMILLION County: 1

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: 47847

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.500 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% Not Reported
Basement	4.700 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.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: US Fish & Wildlife Service

Telephone: 703-358-2171

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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 Supply Wells

Source: Department of Environmental Management

Telephone: 317-308-3323

Community and non-community drinking water wells.

Water Wells Database

Source: Indiana Geological Survey

Telephone: 812-855-7636

Shows data points that represent water wells contained in the Lithologic database, which is derived from the water

well database of the Indiana Department of Natural Resources

OTHER STATE DATABASE INFORMATION

RADON

State Database: IN Radon Source: Department of Health Telephone: 317-233-7148 Radon Test Results

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

 $Source: \ \ Department \ of \ \ Commerce, \ National \ \ Oceanic \ and \ \ Atmospheric \ \ Administration$

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared

in 1975 by the United State Geological Survey

TC5334752.2s Page PSGR-2

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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1051 E Hillsdale 1051 E Hillsdale Dana, IN 47847

Inquiry Number: 5334752.6s

June 15, 2018

The EDR Radius Map™ Report with GeoCheck®



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

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

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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 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1051 E HILLSDALE DANA, IN 47847

COORDINATES

Latitude (North): 39.8255530 - 39° 49' 31.99" Longitude (West): 87.4657760 - 87° 27' 56.79"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 460139.4 UTM Y (Meters): 4408289.5

Elevation: 621 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5945765 DANA, IN

Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140907, 20141008

Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 1051 E HILLSDALE DANA, IN 47847

Click on Map ID to see full detail.

MAP RELATIVE DIST (ft. & mi.)

ID SITE NAME ADDRESS DATABASE ACRONYMS ELEVATION DIRECTION

NO MAPPED SITES FOUND

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
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NPL	National Priority List
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

FEDERAL FACILITY	Federal Facility Site Information listing
SEMS	Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE...... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, 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

LUCIS	Land Use Control Information System
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_____List of Hazardous Waste Response Sites Scored Using the Indiana Scoring Model

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

Permitted Solid Waste Facilities OPEN DUMPS..... Open Dump Waste Sites

State and tribal leaking storage tank lists

Lust Leaking Underground Storage Tank List INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST...... Indiana Registered Underground Storage Tanks

AST..... Above Ground Storage Tanks

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

State and tribal institutional control / engineering control registries

AUL..... Sites with Restrictions

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing VCP...... Voluntary Remediation Program Site List

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE...... Waste Tire Sites Listing

SWRCY..... Recycling Facilities

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

CDL...... Clandestine Drug Lab Listing

DEL SHWS...... Deleted Commissioner's Bulletin Sites List US CDL....... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS...... Spills Incidents

Other Ascertainable Records

RCRA NonGen / NLR...... RCRA - Non Generators / No Longer Regulated

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TRIS...... Toxic Chemical Release Inventory System

SSTS....... Section 7 Tracking Systems

RAATS......RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER...... PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS...... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV..... Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS..... Aerometric Information Retrieval System Facility Subsystem

US MINES...... Mines Master Index File ABANDONED MINES..... Abandoned Mines

FINDS...... Facility Index System/Facility Registry System

DOCKET HWC..... Hazardous Waste Compliance Docket Listing ECHO..... Enforcement & Compliance History Information

UXO...... Unexploded Ordnance Sites

FUELS PROGRAM..... EPA Fuels Program Registered Listing AIRS..... Permitted Sources & Emissions Listing

ASBESTOS..... Asbestos Notification Listing

BULK......Registered Bulk Fertilizer and Pesticide Storage Facilities

Financial Assurance Information Listing

IND WASTE..... Industrial Waste Sites Listing MANIFEST..... Hazardous Waste Manifest Data

NPDES...... NPDES Permit Listing

OISC..... Office of Indiana State Chemist Database

SCP..... State Cleanup Program Sites

TIER 2..... Tier 2 Facility Listing UIC...... UIC Site Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

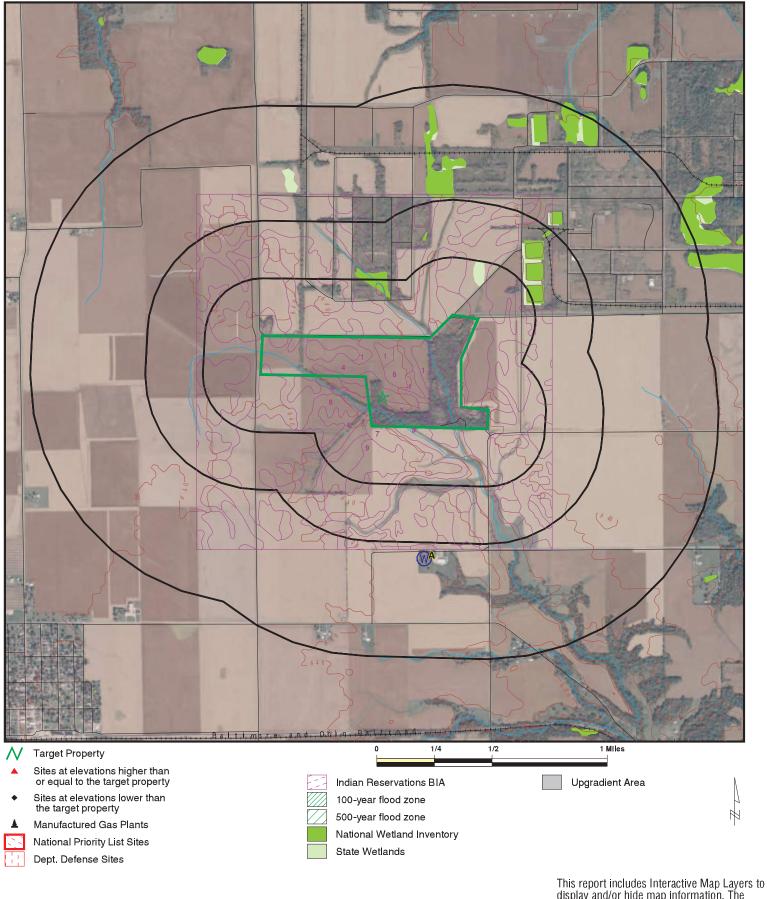
SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

There were no unmapped sites in this report.

OVERVIEW MAP - 5334752.6S



display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1051 E Hillsdale ADDRESS: 1051 E Hillsdale Dana IN 47847 LAT/LONG:

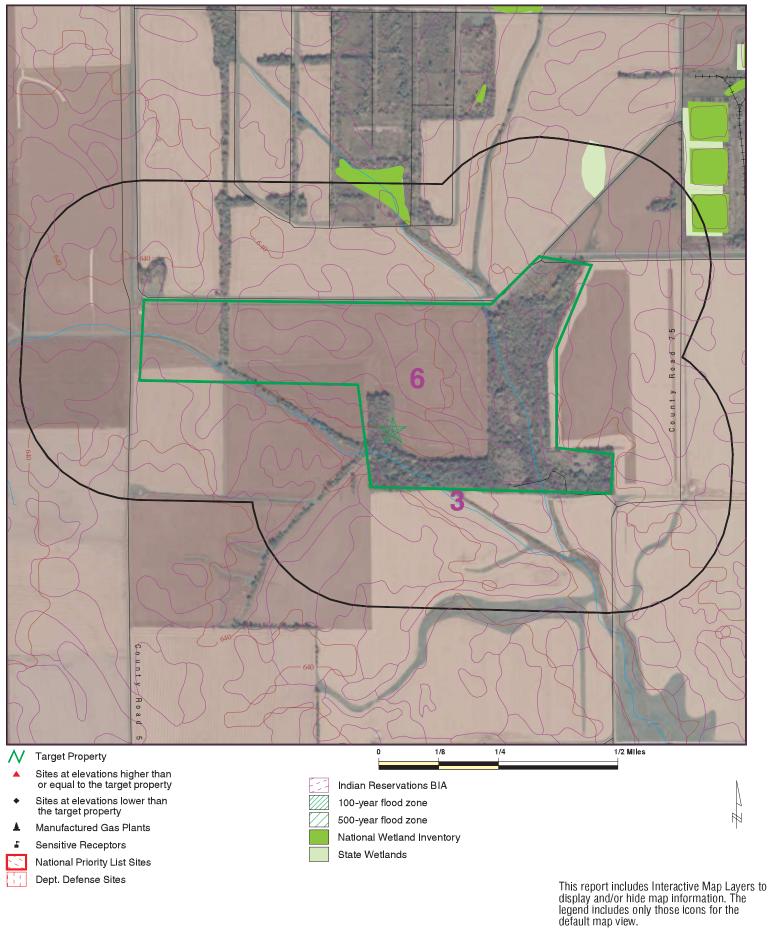
39.825553 / 87.465776

CLIENT: CONTACT: Burns & McDonnell Eng. Co Inc Egasca@burnsmcd.com

INQUIRY #: 5334752.6s

DATE: June 15, 2018 5:15 pm

DETAIL MAP - 5334752.6S



SITE NAME: 1051 E Hillsdale ADDRESS: 1051 E Hillsdale

LAT/LONG:

Dana IN 47847

39.825553 / 87.465776

CLIENT: Burns & McDonnell Eng. Co Inc CONTACT: Egasca@burnsmcd.com INQUIRY #: 5334752.6s DATE: June 15, 2018 5:16 pm

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Database		Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 0.001		0 0 0	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	te list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities list	!						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fac	cilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equiva	alent CERCLIS							
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill a solid waste disposal site								
SWF/LF OPEN DUMPS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal leaking	storage tank lis	ts						
LUST INDIAN LUST	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal registere	ed storage tank	lists						
FEMA UST	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST AST INDIAN UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal institution control / engineering con								
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary	cleanup sites	6						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS							
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
SWTIRE SWRCY INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste /							
US HIST CDL CDL DEL SHWS US CDL	0.001 0.001 1.000 0.001		0 0 0	NR NR 0 NR	NR NR 0 NR	NR NR 0 NR	NR NR NR NR	0 0 0 0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency R	Release Report	's						
HMIRS SPILLS SPILLS 90 SPILLS 80	0.001 0.011 0.001 0.001		0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
Other Ascertainable Reco	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS	0.250 1.000 1.000 0.500		0 0 0 0	0 0 0 0	NR 0 0 0	NR 0 0 NR	NR NR NR NR	0 0 0 0

	Search Distance	Target						Total
Database	(Miles)	Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	<u>> 1</u>	Plotted
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		Ö	NR	NR	NR	NR	Ö
2020 COR ACTION	0.250		Ö	0	NR	NR	NR	Ö
TSCA	0.001		Õ	NR	NR	NR	NR	Ö
TRIS	0.001		Õ	NR	NR	NR	NR	Ö
SSTS	0.001		Ö	NR	NR	NR	NR	Ö
ROD	1.000		Ö	0	0	0	NR	Ö
RMP	0.001		Ö	NR	NR	NR	NR	Ö
RAATS	0.001		Ö	NR	NR	NR	NR	Ö
PRP	0.001		0	NR	NR	NR	NR	Ö
PADS	0.001		Ö	NR	NR	NR	NR	Ö
ICIS	0.001		0	NR	NR	NR	NR	Ö
FTTS	0.001		0	NR	NR	NR	NR	Ö
MLTS	0.001		Ō	NR	NR	NR	NR	Ö
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BULK	0.250		0	0	NR	NR	NR	0
CFO	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
IND WAS IE	0.250		0	0	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
OISC SCP	0.250 0.500		0	0 0	NR 0	NR NR	NR NR	0
			0	-				0
TIER 2 UIC	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
OIC	0.001		U	INIX	INIX	INIX	INIX	U
EDR HIGH RISK HISTORICA	L RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
			Ŭ	•	•	Ŭ		•

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto EDR Hist Cleaner	0.125 0.125		0	NR NR	NR NR	NR NR	NR NR	0
EDR RECOVERED GOV	ERNMENT ARCHIV	<u>/ES</u>	v					Ů
Exclusive Recovered	Govt. Archives							
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals		0	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID		MAP FINDINGS		
Direction				
Distance				EDR ID Number
Elevation	Site		Database(s)	EPA ID Number

NO SITES FOUND

Count: 0 records. ORPHAN SUMMARY

City EDR ID Site Name Site Address Zip Database(s)

NO SITES FOUND

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: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Number of Days to Update: 14 Next Scheduled EDR Contact: 07/16/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 12/11/2017 Source: EPA
Date Data Arrived at EDR: 12/22/2017 Telephone: N/A

Number of Days to Update: 14 Next Scheduled EDR Contact: 07/16/2018
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 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267

Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

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: 12/11/2017 Date Data Arrived at EDR: 12/22/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 14

Source: EPA Telephone: N/A

Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016 Date Data Arrived at EDR: 01/05/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 92

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 66

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 66

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 07/30/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, 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.

Date of Government Version: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

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: 02/16/2018 Date Data Arrived at EDR: 02/22/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 78

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/09/2018

Next Scheduled EDR Contact: 08/27/2018 Data Release Frequency: Varies

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: 02/13/2018 Date Data Arrived at EDR: 02/27/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

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: 02/13/2018 Date Data Arrived at EDR: 02/27/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018

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: 03/19/2018 Date Data Arrived at EDR: 03/27/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: List of Hazardous Waste Response Sites Scored Using the Indiana Scoring Model

List of hazardous waste response sites scored utilizing the Indiana Scoring Model. The Indiana Scoring Model is a method of prioritizing, for state response actions, those hazardous substances response sites which are not on the National Priorities List. The ISM serves as the Commissioners management tool to address those sites which pose the most significant threat to human health and the environment in addition to assuring the departments resources are allocated accordingly.

Date of Government Version: 03/01/2007 Date Data Arrived at EDR: 08/27/2007 Date Made Active in Reports: 09/18/2007

Number of Days to Update: 22

Source: Department of Environmental Management

Telephone: 317-308-3052 Last EDR Contact: 05/23/2018

Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

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

SWF/LF: Permitted 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: 02/02/2018 Date Data Arrived at EDR: 03/16/2018 Date Made Active in Reports: 04/18/2018

Number of Days to Update: 33

Source: Department of Environmental Management

Telephone: 317-232-0066 Last EDR Contact: 03/12/2018

Next Scheduled EDR Contact: 06/25/2018
Data Release Frequency: Semi-Annually

OPEN DUMPS: Open Dump Waste Sites

Open Dumps are sites that are not regulated and are illegal dump sites of solid waste, as defined by IAC 10-2-28 329 and IAC 10-2-128 of the Indiana Administrative Code.

Date of Government Version: 06/26/2009 Date Data Arrived at EDR: 12/11/2013 Date Made Active in Reports: 01/20/2014

Number of Days to Update: 40

Source: Department of Environmental Management

Telephone: 317-232-8726 Last EDR Contact: 06/08/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Lust Leaking Underground Storage Tank List

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: 02/01/2018 Date Data Arrived at EDR: 02/28/2018 Date Made Active in Reports: 03/06/2018

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 317-232-8900 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/16/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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

Date of Government Version: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/16/2018

Next Scheduled EDR Contact: 08/06/2018 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: 10/24/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 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: 09/30/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: Environmental Protection Agency Telephone: 415-972-3372

Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 10/12/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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

Date of Government Version: 10/12/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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

Date of Government Version: 01/06/2018 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 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: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Varies

UST: Indiana Registered Underground Storage Tanks

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: 02/01/2018 Date Data Arrived at EDR: 02/28/2018 Date Made Active in Reports: 03/06/2018

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 317-308-3008 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

A listing of aboveground storage tank sites that reported under the emergency rule.

Date of Government Version: 01/25/2017 Date Data Arrived at EDR: 05/16/2017 Date Made Active in Reports: 09/06/2017

Number of Days to Update: 113

Source: N/A

Telephone: 317-232-2393 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/20/2018

Data Release Frequency: N/A

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: 10/24/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 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: 10/12/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018

Data Release Frequency: Varies

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: 01/13/2018 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 04/24/2017 Date Data Arrived at EDR: 07/27/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 134

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 10/16/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 09/30/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 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).

Date of Government Version: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 10/14/2017 Date Data Arrived at EDR: 01/23/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 80

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/16/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Sites with Restrictions

Activity and use limitations include both engineering controls and institutional controls. A listing of Comfort/Site Status Letter sites that have been issued with controls.

Date of Government Version: 02/06/2018 Date Data Arrived at EDR: 03/15/2018 Date Made Active in Reports: 04/17/2018

Number of Days to Update: 33

Source: Department of Environmental Management

Telephone: 317-232-8603 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 03/21/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Varies

VCP: Voluntary Remediation Program Site List

A current list of Voluntary Remediation Program sites that are no longer confidential.

Date of Government Version: 04/09/2018 Date Data Arrived at EDR: 04/12/2018 Date Made Active in Reports: 06/01/2018

Number of Days to Update: 50

Source: Department of Environmental Management

Telephone: 317-234-0966 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A brownfield site is an industrial or commercial property that is abandoned, inactive, or underutilized, on which expansion or redeveloopment is complicated due to the actual or perceived environmental contamination.

Date of Government Version: 02/06/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 04/18/2018

Number of Days to Update: 48

Source: Department of Environmental Management

Telephone: 317-233-2570 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/19/2018 Date Data Arrived at EDR: 03/21/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/21/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Waste Tire Sites Listing

This listing consists of Tire Sites - sites which contain tires - either for processing, for storage, or transport - as well as some illegal tire dumps, as defined by IC 13-11-2-251, IC 13-11-2-252, and IC 13-11-250.5 of the Indiana Code.

Date of Government Version: 08/04/2015 Date Data Arrived at EDR: 09/09/2015 Date Made Active in Reports: 10/07/2015

Number of Days to Update: 28

Source: Department of Environmental Management

Telephone: 317-232-8726 Last EDR Contact: 06/08/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Varies

SWRCY: Recycling Facilities

A listing of recycling facilities located in the state of Indiana.

Date of Government Version: 05/07/2018 Date Data Arrived at EDR: 05/07/2018 Date Made Active in Reports: 05/09/2018

Number of Days to Update: 2

Source: Department of Environmental Management

Telephone: 317-234-4050 Last EDR Contact: 04/11/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Varies

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: 01/30/2018

Next Scheduled EDR Contact: 05/14/2018 Data Release Frequency: Varies

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: 415-947-4219 Last EDR Contact: 04/18/2018

Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: No Update Planned

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

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 05/04/2018

Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 71

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/10/2018

Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Listing

A listing of clandestine drub labs that have been cleaned up.

Date of Government Version: 08/29/2016 Date Data Arrived at EDR: 10/05/2016 Date Made Active in Reports: 10/20/2016

Number of Days to Update: 15

Source: Department of Environmental Management

Telephone: 317-416-5031 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Quarterly

DEL SHWS: Deleted Commissioner's Bulletin Sites List

A listing of sites deleted/removed from the Commissioner's Bulletin List

Date of Government Version: 04/03/2008 Date Data Arrived at EDR: 04/04/2008 Date Made Active in Reports: 04/14/2008

Number of Days to Update: 10

Source: Department of Environmental Management

Telephone: 317-234-0347 Last EDR Contact: 05/23/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

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: 02/22/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 71

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/10/2018
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: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 94

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Semi-Annually

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: 03/26/2018 Date Data Arrived at EDR: 03/27/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

SPILLS: Spills Incidents

Oil, hazardous, or objectionable materials that may be released to soil and water.

Date of Government Version: 01/31/2018 Date Data Arrived at EDR: 02/28/2018 Date Made Active in Reports: 03/06/2018

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 317-308-3038 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 09/07/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/11/2013

Number of Days to Update: 39

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 09/11/2002 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/28/2013

Number of Days to Update: 56

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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: 12/11/2017 Date Data Arrived at EDR: 12/26/2017 Date Made Active in Reports: 02/09/2018

Number of Days to Update: 45

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/28/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

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: 01/31/2015 Date Data Arrived at EDR: 07/08/2015 Date Made Active in Reports: 10/13/2015

Number of Days to Update: 97

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/25/2018

Next Scheduled EDR Contact: 09/03/2018

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: 888-275-8747 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated 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.

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: 04/11/2018

Next Scheduled EDR Contact: 07/23/2018

Data Release Frequency: N/A

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: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/15/2018

Next Scheduled EDR Contact: 08/27/2018 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 01/11/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 03/02/2018

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/07/2018

Next Scheduled EDR Contact: 08/20/2018 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/08/2018

Next Scheduled EDR Contact: 08/20/2018 Data Release Frequency: Varies

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: 12/31/2016 Date Data Arrived at EDR: 06/21/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/23/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Every 4 Years

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: 12/31/2016 Date Data Arrived at EDR: 01/10/2018 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 2

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/25/2018

Next Scheduled EDR Contact: 09/03/2018 Data Release Frequency: Annually

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: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/09/2018

Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Annually

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: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 94

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/20/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 10/17/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 3

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 08/20/2018 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: 06/01/2017 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 126

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/23/2018 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: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 04/09/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Quarterly

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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

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.

Source: EPA

Date of Government Version: 08/30/2016 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/20/2018 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 06/07/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/04/2018

Next Scheduled EDR Contact: 09/17/2018 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: 05/24/2017 Date Data Arrived at EDR: 11/30/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 15

Source: Environmental Protection Agency Telephone: 202-566-0517

Last EDR Contact: 04/27/2018

Next Scheduled EDR Contact: 08/06/2018 Data Release Frequency: Varies

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: 01/03/2018 Date Data Arrived at EDR: 01/04/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 99

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/05/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Quarterly

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 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

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 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/13/2018 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: 12/31/2017 Date Data Arrived at EDR: 01/24/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 79

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Varies

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: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/25/2018

Next Scheduled EDR Contact: 09/03/2018 Data Release Frequency: Biennially

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: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/11/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016 Date Data Arrived at EDR: 12/27/2016 Date Made Active in Reports: 02/17/2017

Number of Days to Update: 52

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 05/07/2018

Next Scheduled EDR Contact: 08/20/2018 Data Release Frequency: Varies

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: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/18/2018

Next Scheduled EDR Contact: 09/03/2018 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018 Date Data Arrived at EDR: 02/06/2018 Date Made Active in Reports: 03/02/2018

Number of Days to Update: 24

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 07/16/2018

Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Telephone: 202-564-2496

Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US 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: 01/25/2018 Date Data Arrived at EDR: 02/28/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 72

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 05/31/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS Telephone: 703-648-7709 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018 Date Data Arrived at EDR: 03/13/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 87

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/24/2018 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: 02/21/2018 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 28

Source: EPA Telephone: (312) 353-2000

Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 73

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/13/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018 Date Data Arrived at EDR: 03/17/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 06/01/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/20/2018 Date Data Arrived at EDR: 02/21/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 30

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 05/23/2018

Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

AIRS: Permitted Sources & Emissions Listing

Current permitted sources and emissions inventory information.

Date of Government Version: 08/03/2016 Date Data Arrived at EDR: 08/05/2016 Date Made Active in Reports: 08/23/2016

Number of Days to Update: 18

Source: Department of Environmental Management

Telephone: 317-233-0185 Last EDR Contact: 03/29/2018

Next Scheduled EDR Contact: 07/16/2018

Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

A listing of asbestos notification site locations.

Date of Government Version: 04/25/2018 Date Data Arrived at EDR: 05/02/2018 Date Made Active in Reports: 05/24/2018

Number of Days to Update: 22

Source: Department of Environmental Management

Telephone: 317-233-0178 Last EDR Contact: 04/25/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Varies

BULK: Registered Bulk Fertilizer and Pesticide Storage Facilities

A listing of registered dry or liquid bulk fertilizer and pesticide storage facilities.

Date of Government Version: 05/01/2017 Date Data Arrived at EDR: 05/11/2017 Date Made Active in Reports: 09/07/2017

Number of Days to Update: 119

Source: Office of Indiana State Chemist

Telephone: 765-494-0579 Last EDR Contact: 05/23/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Varies

CFO: Confined Feeding Operations

This dataset consists of Confined Feeding Operations - i.e. A swine, chicken, turkey, beef or dairy agri-business that has large enough numbers of animals that IDEM regulates for environmental concerns, as defined by IC 13-18-10 of the Indiana Code.

Date of Government Version: 09/03/2013 Date Data Arrived at EDR: 12/11/2013 Date Made Active in Reports: 01/17/2014

Number of Days to Update: 37

Source: Department of Environmental Management

Telephone: 317-232-8726 Last EDR Contact: 12/12/2014

Next Scheduled EDR Contact: 03/23/2015

Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash disposal site locations.

Date of Government Version: 11/19/2016 Date Data Arrived at EDR: 01/04/2017 Date Made Active in Reports: 01/20/2017

Number of Days to Update: 16

Source: Department of Environmental Management

Telephone: 317-233-4624 Last EDR Contact: 06/07/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A list of drycleaners involved in the Indiana 5-Star Environmental Recognition Program. It is a voluntary program that ranks participating drycleaners on a scale of one to five stars. The program recognizes those drycleaners willing to do more for the environment and worker safety than the rules require. These drycleaners are going above and beyond the rules to protect the environment, their employees and their neighbors and customers.

Date of Government Version: 10/17/2017 Date Data Arrived at EDR: 03/13/2018 Date Made Active in Reports: 04/18/2018

Number of Days to Update: 36

Source: Department of Environmental Management

Telephone: 800-988-7901 Last EDR Contact: 06/07/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 04/04/2018 Date Data Arrived at EDR: 04/06/2018 Date Made Active in Reports: 05/24/2018

Number of Days to Update: 48

Source: Department of Environmental Management

Telephone: 317-233-1052 Last EDR Contact: 03/29/2018

Next Scheduled EDR Contact: 07/16/2018

Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 04/04/2018 Date Data Arrived at EDR: 04/06/2018 Date Made Active in Reports: 05/24/2018

Number of Days to Update: 48

Source: Department of Environmental Management

Telephone: 317-233-1052 Last EDR Contact: 03/29/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Varies

IND WASTE: Industrial Waste Sites Listing

The listing contains industrial waste site locations in Indiana, provided by personnel of Indiana Department of Environmental Management, Office of Land Quality.

Date of Government Version: 08/04/2015 Date Data Arrived at EDR: 09/09/2015 Date Made Active in Reports: 10/07/2015

Number of Days to Update: 28

Source: Department of Environmental Management

Telephone: 317-232-8726 Last EDR Contact: 06/08/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

IN MANIFEST: 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: 12/31/2016 Date Data Arrived at EDR: 10/03/2017 Date Made Active in Reports: 12/05/2017

Number of Days to Update: 63

Source: Department of Environmental Management

Telephone: 317-233-4624 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/16/2018 Data Release Frequency: Annually

NPDES: NPDES Permit Listing

A listing of active NPDES Permit Section facility locations.

Date of Government Version: 04/29/2018 Date Data Arrived at EDR: 05/04/2018 Date Made Active in Reports: 05/24/2018

Number of Days to Update: 20

Source: Department of Environmental Management

Telephone: 317-233-0676 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Varies

OISC: Office of Indiana State Chemist Database

Restricted use pesticide dealers and pesticide & fertilizer applicators.

Date of Government Version: 03/19/2018 Date Data Arrived at EDR: 03/21/2018 Date Made Active in Reports: 04/18/2018

Number of Days to Update: 28

Source: Office of Indiana State Chemist & Seed

Telephone: 765-494-1492 Last EDR Contact: 03/21/2018

Next Scheduled EDR Contact: 07/02/2018 Data Release Frequency: Quarterly

SCP: State Cleanup Program Sites

The goals for the State Cleanup Section are to mitigate risk to human health and the environment.

Date of Government Version: 08/29/2016 Date Data Arrived at EDR: 08/29/2016 Date Made Active in Reports: 10/20/2016

Number of Days to Update: 52

Source: Department of Environmental Management

Telephone: 317-233-0068 Last EDR Contact: 04/06/2018

Next Scheduled EDR Contact: 07/23/2018 Data Release Frequency: Quarterly

TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 09/07/2017

Number of Days to Update: 44

Source: Department of Environmental Management

Telephone: 317-233-0066 Last EDR Contact: 06/07/2018

Next Scheduled EDR Contact: 09/10/2018

Data Release Frequency: Varies

UIC: UIC Site Listing

A listing of class II well locations

Date of Government Version: 02/23/2018 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 04/19/2018

Number of Days to Update: 55

Source: Department of Natural Resources

Telephone: 317-232-0045 Last EDR Contact: 05/29/2018

Next Scheduled EDR Contact: 09/10/2018 Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Indiana.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013 Number of Days to Update: 176 Source: Department of Environmental Management Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Indiana.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/20/2014
Number of Days to Update: 203

Source: Department of Environmental Management Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Indiana.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Management

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

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: 01/03/2018 Date Data Arrived at EDR: 02/14/2018 Date Made Active in Reports: 03/22/2018

Telephone: 860-424-3375 Last EDR Contact: 05/18/2018

Number of Days to Update: 36

Next Scheduled EDR Contact: 08/27/2018

Data Release Frequency: No Update Planned

Source: Department of Energy & Environmental Protection

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/11/2017 Date Made Active in Reports: 07/27/2017

Number of Days to Update: 107

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/23/2018

Next Scheduled EDR Contact: 07/23/2018 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: 04/30/2018 Date Data Arrived at EDR: 05/03/2018 Date Made Active in Reports: 06/07/2018

Number of Days to Update: 35

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/03/2018

Next Scheduled EDR Contact: 08/13/2018 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 07/25/2017 Date Made Active in Reports: 09/25/2017

Number of Days to Update: 62

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/12/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 04/09/2018

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/21/2018

Next Scheduled EDR Contact: 09/03/2018 Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.

Date of Government Version: 01/12/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 02/13/2018

Number of Days to Update: 25

Source: Department of Environmental Conservation

Telephone: 802-241-3443 Last EDR Contact: 04/16/2018

Next Scheduled EDR Contact: 07/30/2018 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 04/13/2017 Date Made Active in Reports: 07/14/2017

Number of Days to Update: 92

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/11/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). 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.

Electric Power Transmission Line Data

Source: PennWell Corporation

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

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Listing

Source: Family & Social Services Administration

Telephone: 317-232-4740

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: US Fish & Wildlife Service

Telephone: 703-358-2171

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1051 E HILLSDALE 1051 E HILLSDALE DANA, IN 47847

TARGET PROPERTY COORDINATES

Latitude (North): 39.825553 - 39° 49' 31.99" Longitude (West): 87.465776 - 87° 27' 56.79"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 460139.4 UTM Y (Meters): 4408289.5

Elevation: 621 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5945765 DANA, IN

Version Date: 2013

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 principal 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.

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).

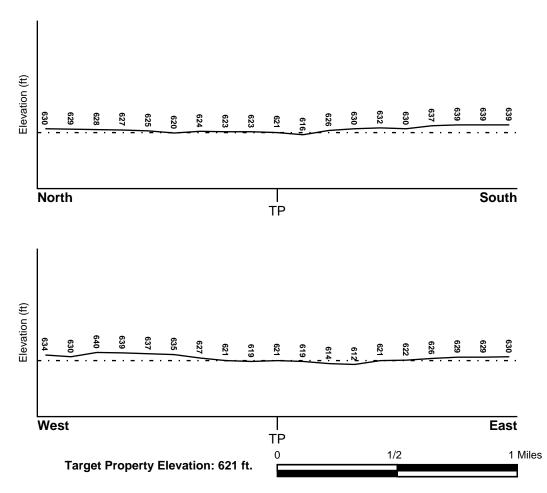
TOPOGRAPHIC INFORMATION

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 ENE

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.

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

Flood Plain Panel at Target Property FEMA Source Type

18165C0205C FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

DANA 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.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

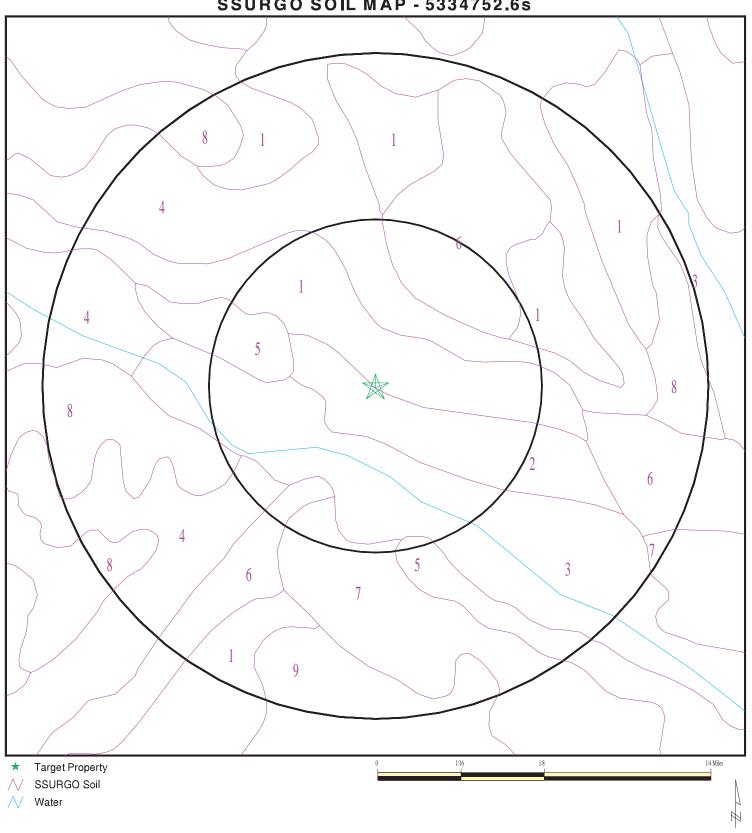
Era: Paleozoic Category: Stratifed Sequence

System: Pennsylvanian
Series: Des Moinesian Series

Code: PP2 (decoded above as Era, System & Series)

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 - 5334752.6s



SITE NAME: 1051 E Hillsdale ADDRESS: 1051 E Hillsdale Dana IN 47847 LAT/LONG:

39.825553 / 87.465776

CLIENT: Burns & McDonnell Eng. Co Inc CONTACT: Egasca@burnsmcd.com INQUIRY#: 5334752.6s

DATE: June 15, 2018 5:17 pm

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: Flanagan

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

	Soil Layer Information										
	Bou	ındary		Classi	fication	Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Noadtion				
1	0 inches	16 inches	silt 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.1				
2	16 inches	57 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.6				
3	57 inches	66 inches	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: 14.11 Min: 4.23	Max: 8.4 Min: 7.4				

			Soil Layer	Information			
	Bou	ndary		Classif	ication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
4	66 inches	83 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.14	Max: 8.4 Min: 6.1

Soil Map ID: 2

Soil Component Name: Proctor

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

			Soil Layer	Information			
	Bou	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic	
Layer	Upper	Lower		AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	18 inches	silt 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: 14.11 Min: 4.23	Max: 7.8 Min: 5.1
2	18 inches	33 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.6

			Soil Layer	Information			
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
3	33 inches	50 inches	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: 42.34 Min: 4.23	Max: 7.3 Min: 5.6
4	50 inches	72 inches	stratified loam to sandy loam to silt 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: 42.34 Min: 4.23	Max: 7.8 Min: 6.1

Soil Map ID: 3

Soil Component Name: Sloan

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information										
	Boundary			Classi	fication	Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)				
1	0 inches	14 inches	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: 14.11 Min: 4.23	Max: 7.8 Min: 6.1				

			Soil Layer	Information			
	Вои	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	Soil Texture Class AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
2	14 inches	44 inches	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: 14.11 Min: 1.41	Max: 8.4 Min: 6.1
3	44 inches	59 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 1.41	Max: 8.4 Min: 6.6

Soil Map ID: 4

Soil Component Name: Sable

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

	Soil Layer Information											
	Boundary			Classi	fication	Saturated hydraulic						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)					
1	0 inches	14 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.6					

	Soil Layer Information										
	Bou	ındary		Classi	fication	Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)				
2	14 inches	53 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: 14.11 Min: 4.23	Max: 7.8 Min: 5.6				
3	53 inches	72 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 0.42	Max: 8.4 Min: 6.6				
4	72 inches	79 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 1.41	Max: 8.4 Min: 7.4				

Soil Map ID: 5

Soil Component Name: Russell

Soil Surface Texture: loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 145 inches

			Soil Layer	Information			
	Boundary			Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	51 inches	57 inches	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: 4.23 Min: 1.41	Max: 8.4 Min: 6.6
2	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
3	7 inches	12 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: 14.11 Min: 4.23	Max: 6 Min: 4.5
4	12 inches	27 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: 14.11 Min: 4.23	Max: 6 Min: 4.5
5	27 inches	51 inches	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: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
6	57 inches	79 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.07	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: Xenia
Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

			Soil Layer	r Information			
	Boundary			Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
2	11 inches	27 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
3	27 inches	33 inches	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: 7.06 Min: 4.23	Max: 7.3 Min: 5.6
4	33 inches	51 inches	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: 4.23 Min: 1.41	Max: 7.3 Min: 5.6
5	51 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.14	Max: 8.4 Min: 7.4

Soil Map ID: 7

Soil Component Name: Fincastle

Soil Surface Texture: silt loam

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures. Hydrologic Group:

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 inches

	Soil Layer Information											
	Bou	ındary		Classi	fication	Saturated hydraulic						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)					
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1					
2	11 inches	38 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: 14.11 Min: 4.23	Max: 6.5 Min: 4.5					
3	38 inches	50 inches	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: 7.06 Min: 4.23	Max: 7.8 Min: 5.1					
4	50 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.14	Max: 8.4 Min: 7.4					

Soil Map ID: 8

Soil Component Name: Dana

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

			Soil Layer	r Information			
	Boundary			Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
2	11 inches	35 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: 14.11 Min: 4.23	Max: 6 Min: 5.1
3	35 inches	48 inches	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: 14.11 Min: 4.23	Max: 7.3 Min: 6.1
4	48 inches	59 inches	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: 4.23 Min: 1.41	Max: 8.4 Min: 6.6
5	59 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.14	Max: 8.4 Min: 7.4

Soil Map ID: 9

Soil Component Name: Ragsdale

Soil Surface Texture: silt loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic	ı
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	12 inches	silt 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: 14.11 Min: 4.23	Max: 7.3 Min: 6.1
2	12 inches	46 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: 14.11 Min: 4.23	Max: 7.3 Min: 6.1
3	46 inches	57 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4
4	57 inches	79 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.14	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

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 0.001 miles

State Database 1.000

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 FROM TP

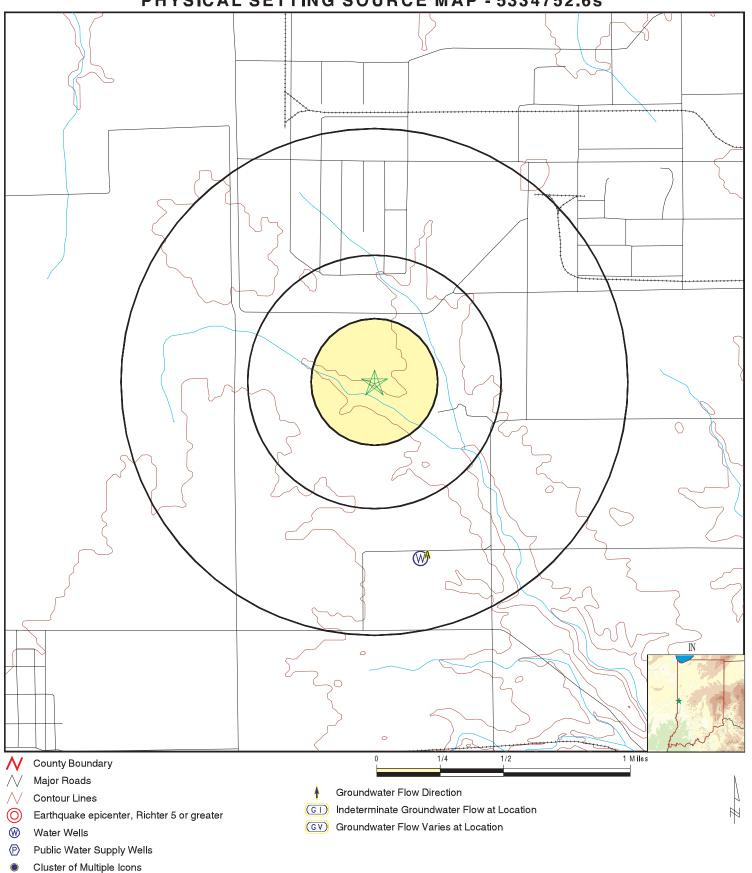
No PWS System Found

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	INDNR3000271244	1/2 - 1 Mile SSE
A2	INDNR3000271671	1/2 - 1 Mile SSE
A3	INLIT2000035016	1/2 - 1 Mile SSE
A4	INLIT2000035017	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 5334752.6s



SITE NAME: 1051 E Hillsdale ADDRESS: 1051 E Hillsdale

Dana IN 47847 LAT/LONG: 39.825553 / 87.465776 CLIENT: Burns & McDonnell Eng. Co Inc CONTACT: Egasca@burnsmcd.com

INQUIRY #: 5334752.6s

DATE: June 15, 2018 5:17 pm

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation Database EDR ID Number A1 SSE **IN WELLS** INDNR3000271244 1/2 - 1 Mile Higher Objectid: 271244 Dblrefno: 166299 Dblaquelv: 570 Dblbailerr: 0 Dblbedrock: 0 Dblpumprat: 2 Dblbedro 1: 0 Dblscreenl: 0 Dblstatic: 45 Dbldepth: 59 **LEON JACKSON** Strownerad: R1, DANA, BOX 75 Strowner: Strrng1: 9W Strtwn1: 16N Dblsec1: 19 Dblutmy: 4407165 Dblutmx: 460427 Intreserve: 0 Strreserve: Not Reported **VERMILLION** DANA Strcounty: Strtopo: Dblbailerd: 0 Dblbailerh: 0 Dblcasingd: 36 Dblcasingl: 49 Strcasingm: Not Reported Dblgroutt: 0 Strgroutm: Not Reported Dbllinerdi: 0 0 Dbllinerto: Dblpumpset: 0 Dblpumpdw: 0 Dblpumphou: 0 Dblscreend: 0 03-OCT-79 Dtmcompdat: Dblgrndele: 631 Strpumptyp: (317)665-3231 Not Reported Strownertx: Utmx nad83: 460426.516843 Utmy nad83: 4407378.80284 Loc type: **Actual Location** https://secure.in.gov/apps/dnr/water/dnr_waterwell?refNo=166299&_from=SUMMARY&_action=Details Report: Site id: INDNR3000271244 SSE **IN WELLS** INDNR3000271671 1/2 - 1 Mile Higher 271671 Objectid: Dblrefno: 166304 Dblaquelv: 0 Dblbailerr: 0 Dblbedrock: 143 Dblpumprat: 4 Dblbedro 1: 488 Dblscreenl: 3 Dblstatic: 52 Dbldepth: 163

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Strowner: LEON JACKSON Strownerad: RR1, DANA, IN

Strrng1: 9W Strtwn1: 16N

Dblsec1: 19 4407165 Dblutmy: 460427 Dblutmx: Intreserve: 0

Not Reported Strreserve: Strcounty: VERMILLION Strtopo: DANA

Dblbailerd: Dblbailerh: 0 5 Dblcasingd: 164 Dblcasingl:

Strcasingm: Not Reported Dblgroutt:

Strgroutm: Not Reported

Dbllinerdi: 0 Dbllinerto: 0 Dblpumpset: 0 Dblpumpdw: 0 Dblpumphou: 1 Dblscreend: 5

Dtmcompdat: 10-JAN-80 Dblgrndele: 631

Strpumptyp: Not Reported Strownertx: Not Reported

Utmx nad83: 460426.516843 4407378.80284 Utmy nad83: Loc type: **Actual Location**

Report: https://secure.in.gov/apps/dnr/water/dnr_waterwell?refNo=166304&_from=SUMMARY&_action=Details

Site id: INDNR3000271671

IN WELLS INLIT2000035016

1/2 - 1 Mile

Higher

Area: 0 Perimeter: 0

35016 Lith 2 id: 35016 Lith 2:

67290 Index: Alias: 166299 Z: 631 Z dem f: 633 Z dem m: 193.010653 Lith depth: 59 Depth: 59

Static: 45 1979-10-03 00:00:00 Comp date: Owner addr: R1 DANA BOX 75

Owner zip:

Driller na: Erwin's Water Well Contracting

NLS Entered by: **IDNR** Record sou: Entry date: Not Reported Project id: Not Reported

Location b:

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Brdepth: 0

 Site id:
 INLIT2000035016

 Edr latitude:
 39.8154361529662

 Edr longitude:
 -87.4623478509358

 Edr x:
 -25541844.5707117

 Edr y:
 12623124.1186296

Edr II src: GOV Edr tblname: IN_WELLS_LITH_201209

Edr src: SW

Latitude: 39.8154361529662 Longitude: -87.4623478509358 X coord: -25541844.5707117 Y coord: 12623124.1186296

A4
SSE IN WELLS INLIT2000035017

1/2 - 1 Mile Higher

Area: 0

Lith 2 id:

Edr tblname:

35017

Perimeter: 0 Lith 2: 35017

Index: 67294 166304 Alias: Z: 631 Z dem f: 633 193.010653 Z dem m: Lith depth: 163 Depth: 163 Static: 52

Comp date: 1980-01-10 00:00:00
Owner addr: RR1 DANA IN

Owner zip: 47847

Driller na: VanGilder - Richard E.

Entered by: NLS Record sou: IDNR

Entry date: Not Reported Project id: Not Reported Location b: 152

Brdepth: 143

 Site id:
 INLIT2000035017

 Edr latitude:
 39.8154361529662

 Edr longitude:
 -87.4623478509358

 Edr x:
 -25541844.5707117

 Edr y:
 12623124.1186296

Edr II src: GOV

Edr src: SW

Latitude: 39.8154361529662 Longitude: -87.4623478509358 X coord: -25541844.5707117 Y coord: 12623124.1186296

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IN_WELLS_LITH_201209

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: IN Radon

Radon Test Results

Zipcode	Year	Test Type	Location	Result
				
47847	0	Short Term	Other	0.8
47847	0	Short Term	Other	0.7
47847	1996	Short Term	Other	2.4

Federal EPA Radon Zone for VERMILLION County: 1

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: 47847

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.500 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% Not Reported
Basement	4.700 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.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: US Fish & Wildlife Service

Telephone: 703-358-2171

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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 Supply Wells

Source: Department of Environmental Management

Telephone: 317-308-3323

Community and non-community drinking water wells.

Water Wells Database

Source: Indiana Geological Survey

Telephone: 812-855-7636

Shows data points that represent water wells contained in the Lithologic database, which is derived from the water

well database of the Indiana Department of Natural Resources

OTHER STATE DATABASE INFORMATION

RADON

State Database: IN Radon Source: Department of Health Telephone: 317-233-7148 Radon Test Results

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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared

in 1975 by the United State Geological Survey

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PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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LORAN STATION

555 W CR 200 S DANA, IN 47847

Inquiry Number: June 22, 2018

EDR Site Report™



TABLE OF CONTENTS

The EDR-Site Report[™] is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary	Page 3
Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.	
Section 2: Facility Detail Reports	Page 4
All available detailed information from databases where sites are identified.	
Section 3: Databases and Update Information	Page 6
Name, source, update dates, contact phone number and description of each of the databases for this report.	

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

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 LORAN STATION 555 W CR 200 S DANA. IN 47847
AREA	EDR ID #U004129994
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility is a FUSRAP Site	NO
Facility is a UXO Site	NO
Facility is a FUELS Site	NO
Facility is an DockHWC/ECHO Site	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	YES - p4
Facility has reported leaking underground storage tank incidents (LUST)	YES - p5
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (SEMS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in other database records (OTHER)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	2

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility manages registered underground storage tanks

DATABASE: Petroleum Storage Tank Database (UST)

LORAN STATION 555 W CR 200 S DANA, IN 47847 EDR ID #U004129994

UST:
Facility ID:
Owner Id:
Company Name:
Mailing Address:
Mailing Address 2:
Mailing City,St,Zip: 11785

Us Coast Guard Commander 2nd Dis 1430 Olive St

Not reported St Louis, MO 631032398

Tank Number: Tank Status:

Permanently Out of Service

Install Date: Not reported Tank Capacity: 3200 Substance Desc: Diesel Closed Date: 10/01/1991

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

WASTE MANAGEMENT

Facility has reported leaking underground storage tank incidents

DATABASE: Leaking Petroleum Storage Tank Database (LUST)

LORAN STATION 555 W CR 200 S DANA, IN 47847 EDR ID #U004129994

LUST:
Facility ID: 11785
Incident Number: 199110549
Description: NFA-Unconditional Closure

Priority: Low

SECTION 3: DATABASES AND UPDATE DATES

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

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

DATABASES FOUND IN THIS REPORT

IN LUST: Lust Leaking Underground Storage Tank List Source: Department of Environmental Management Telephone: 317-232-8900

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.

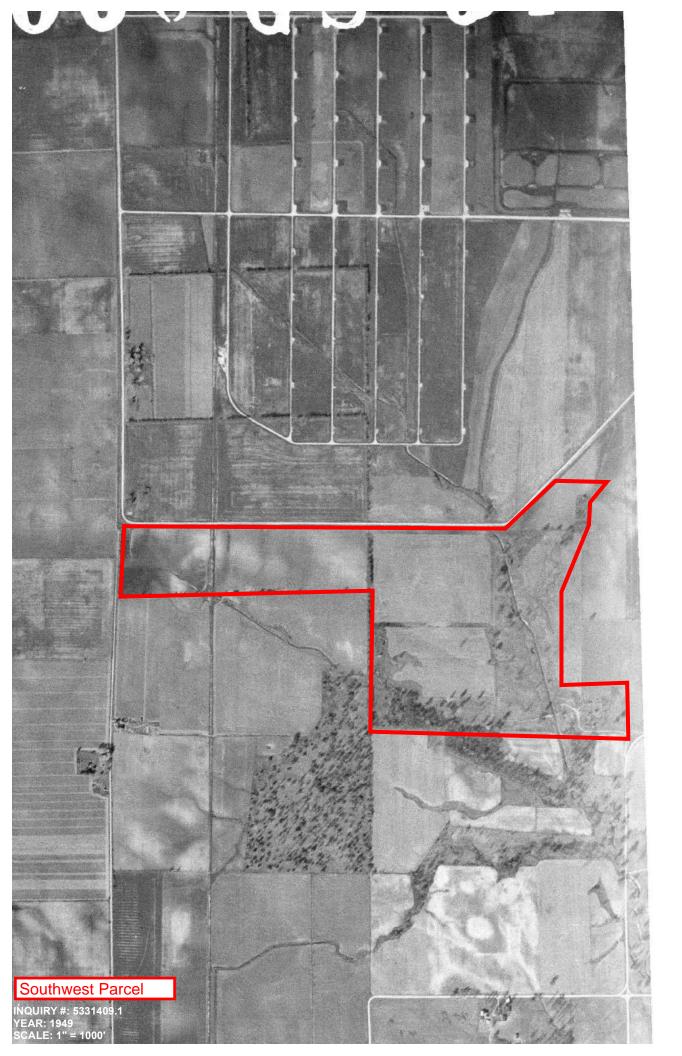
Date of Government Version: 02/01/2018 Date of Last EDR Contact: 05/29/2018 Date of Next Scheduled Update: 09/10/2018 Database Release Frequency: Quarterly

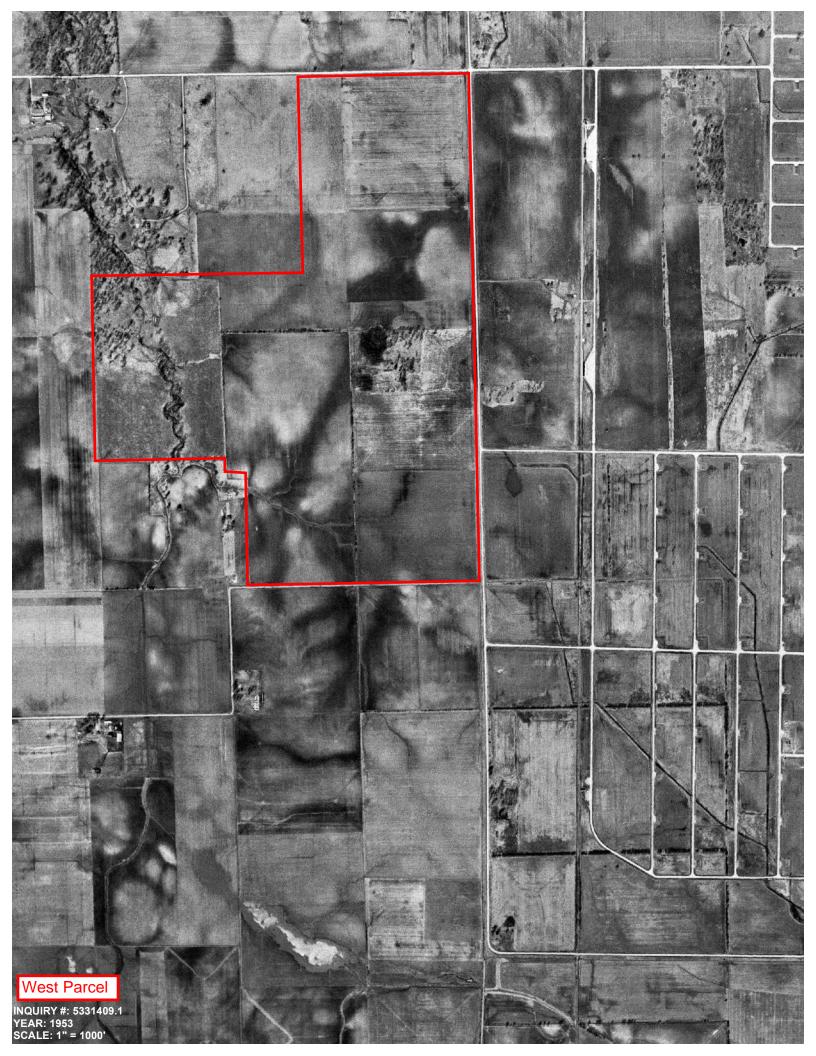
IN UST: Indiana Registered Underground Storage Tanks
Source: Department of Environmental Management
Telephone: 317-308-3008
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource
Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

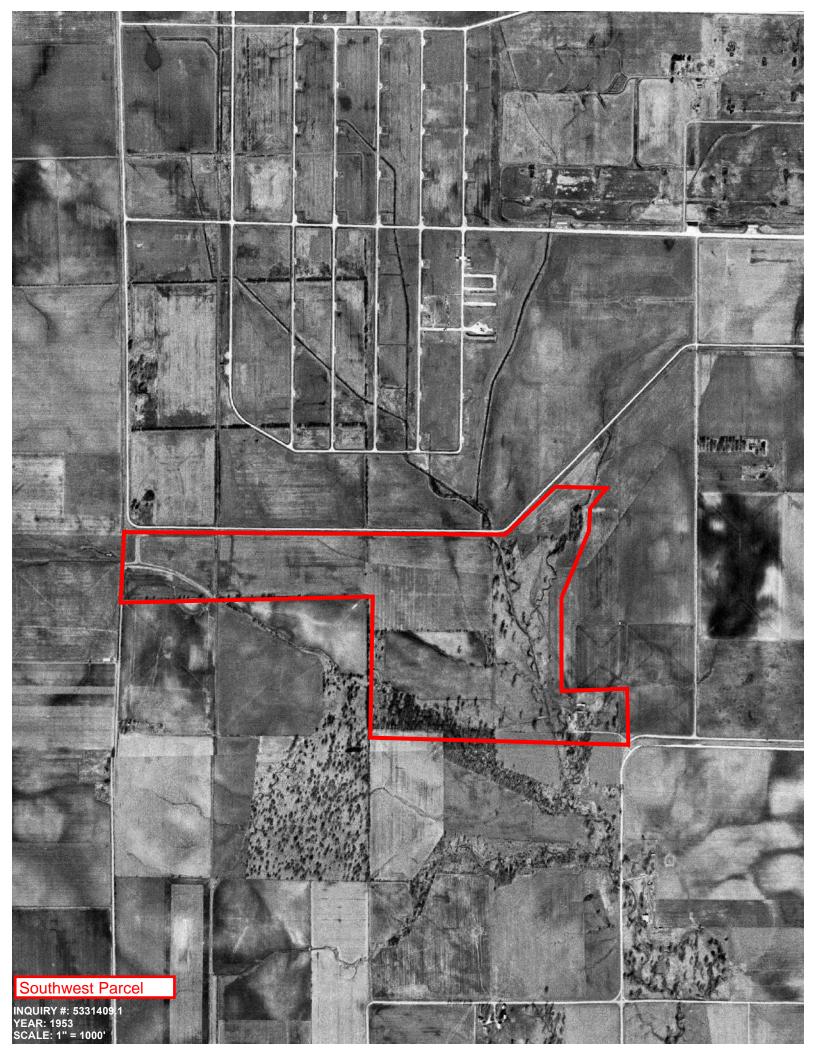
Date of Last EDR Contact: 05/29/2018 Date of Next Scheduled Update: 09/10/2018 Date of Government Version: 02/01/2018 Database Release Frequency: Quarterly



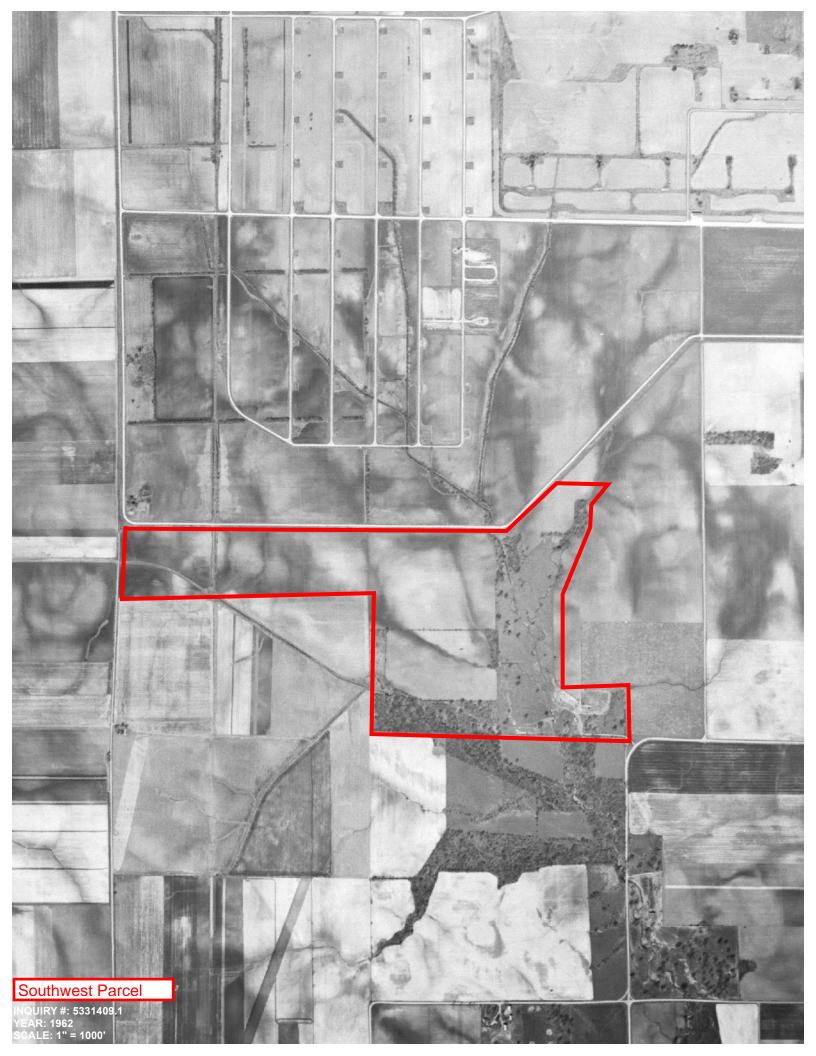








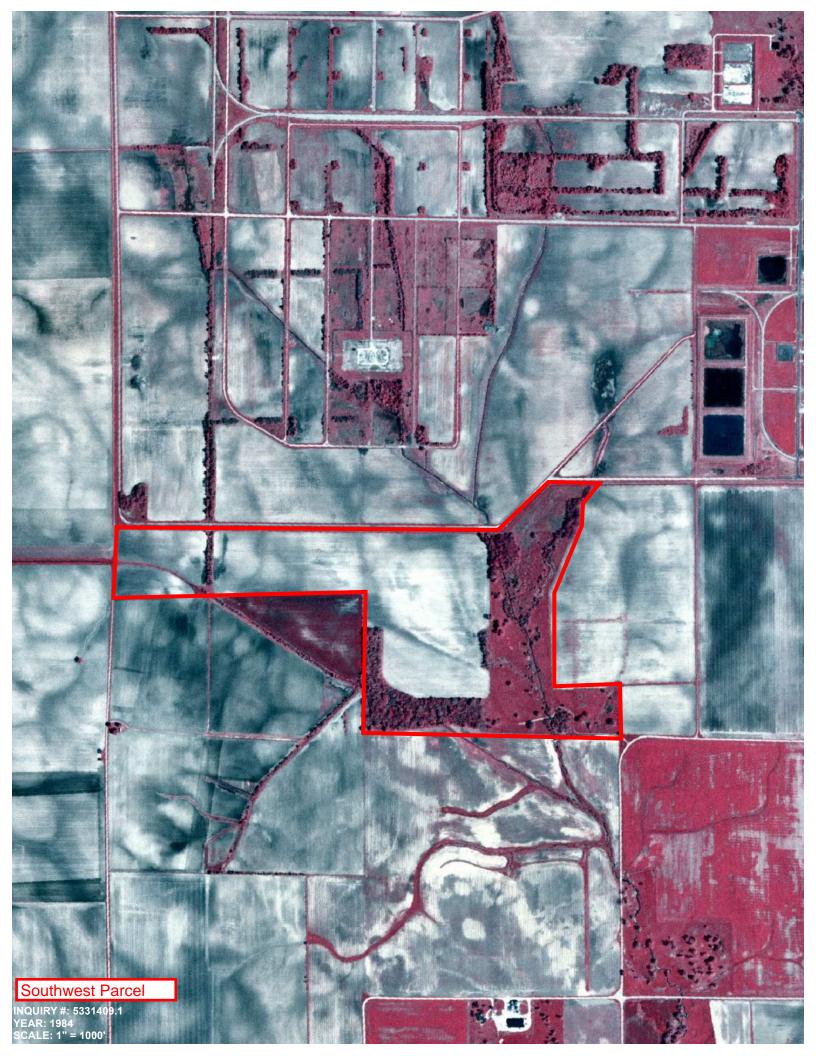




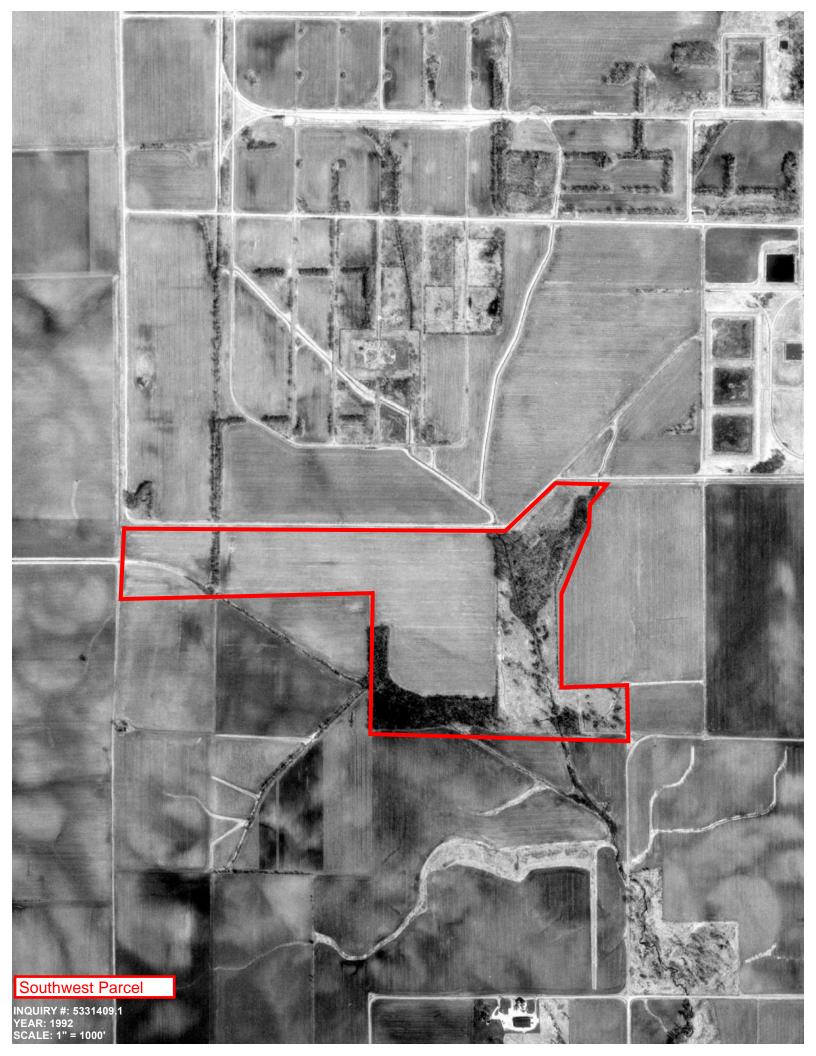




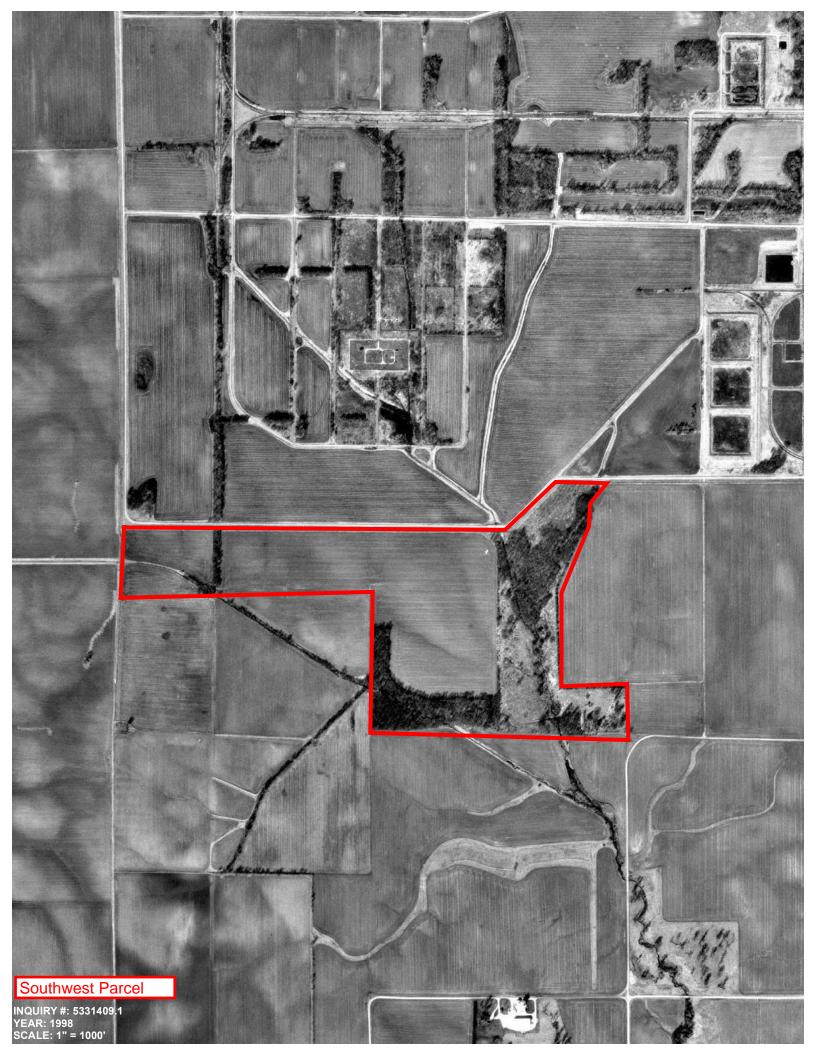


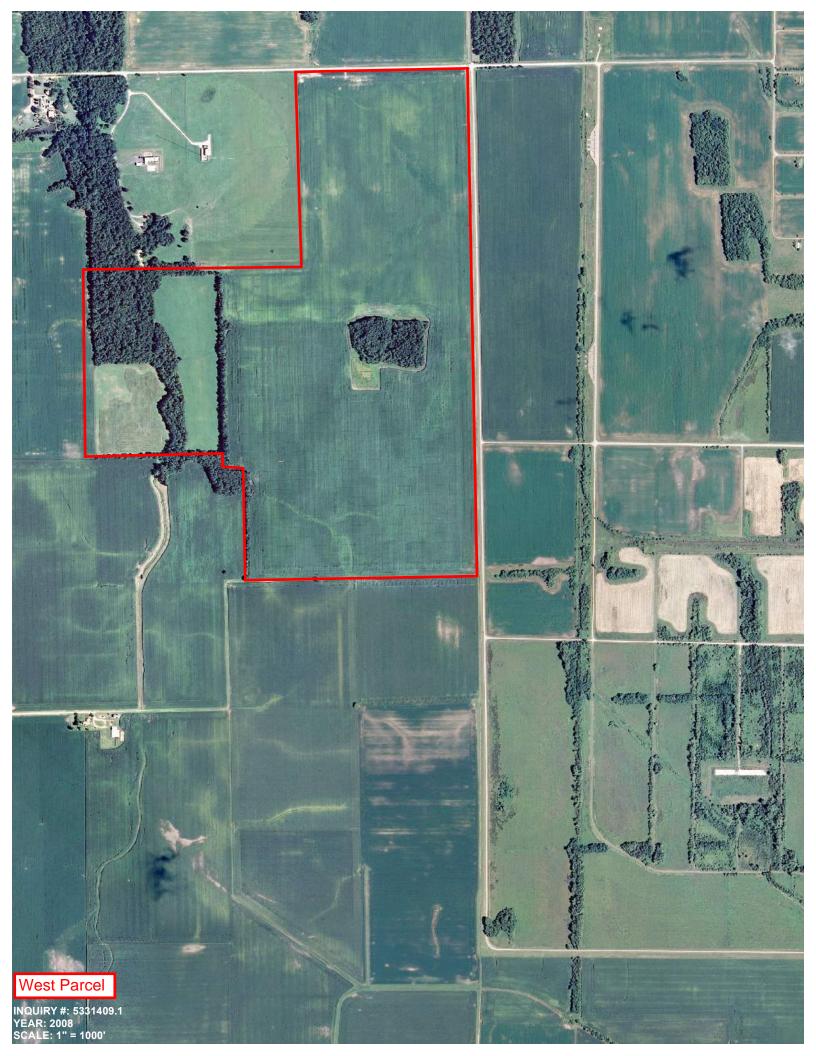


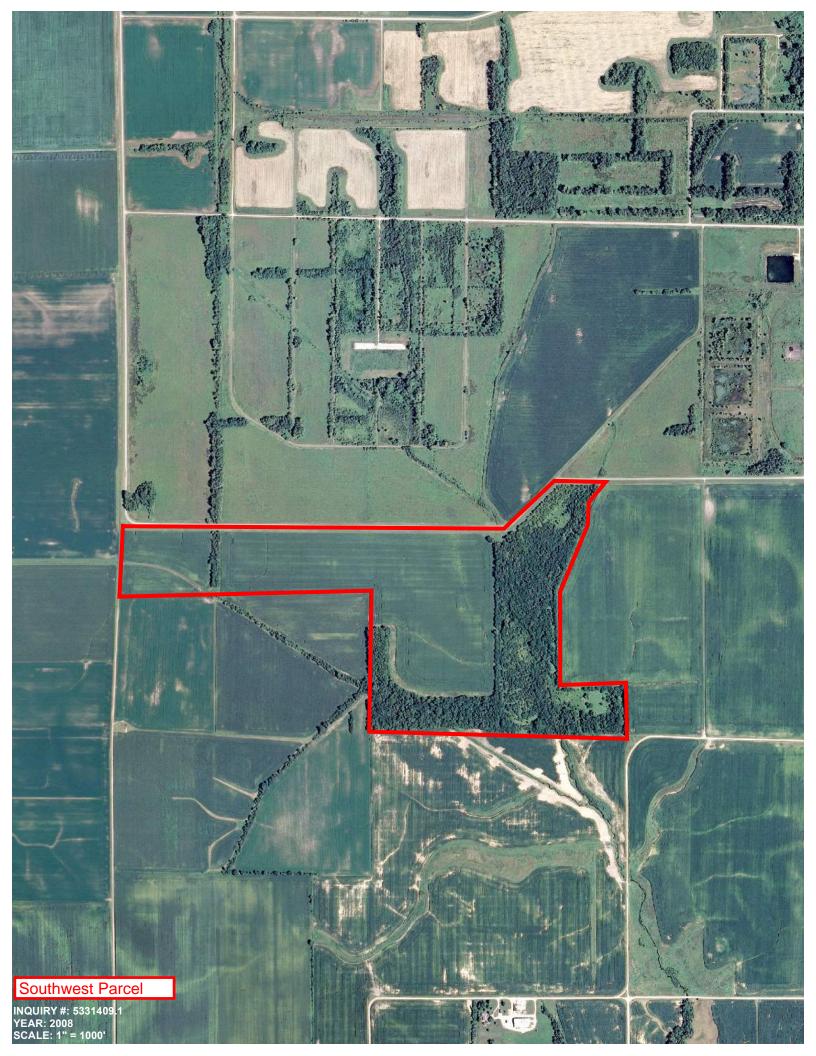


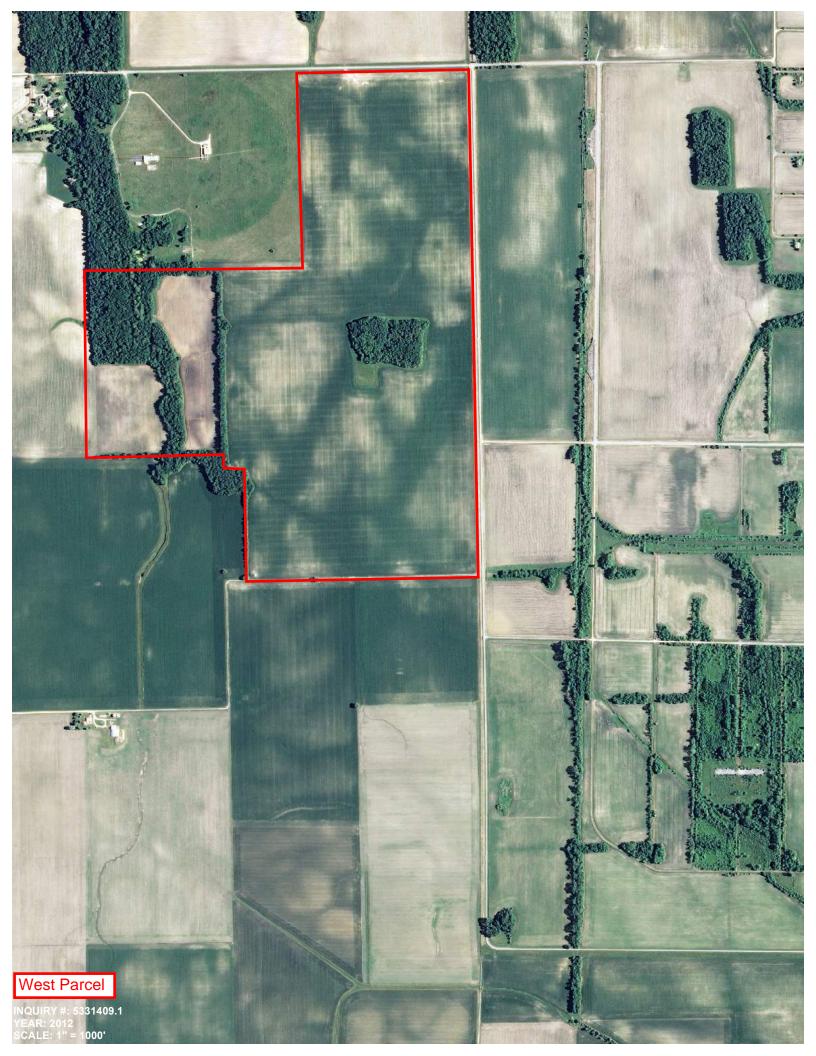


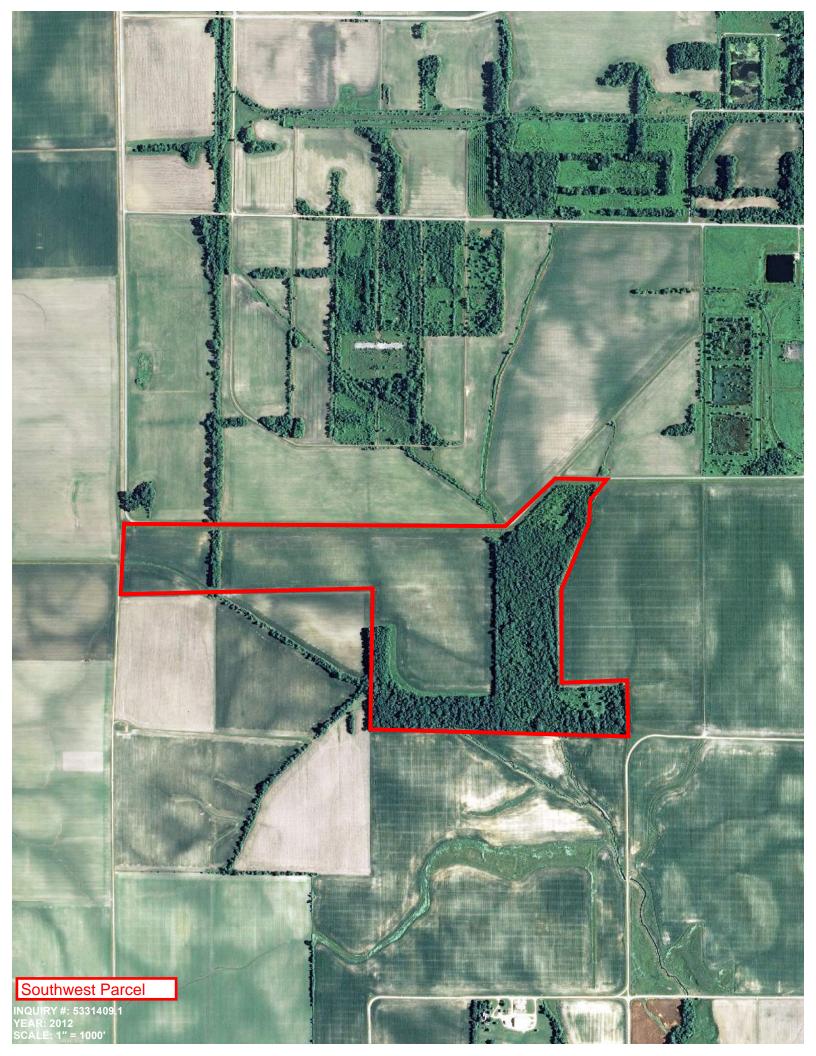




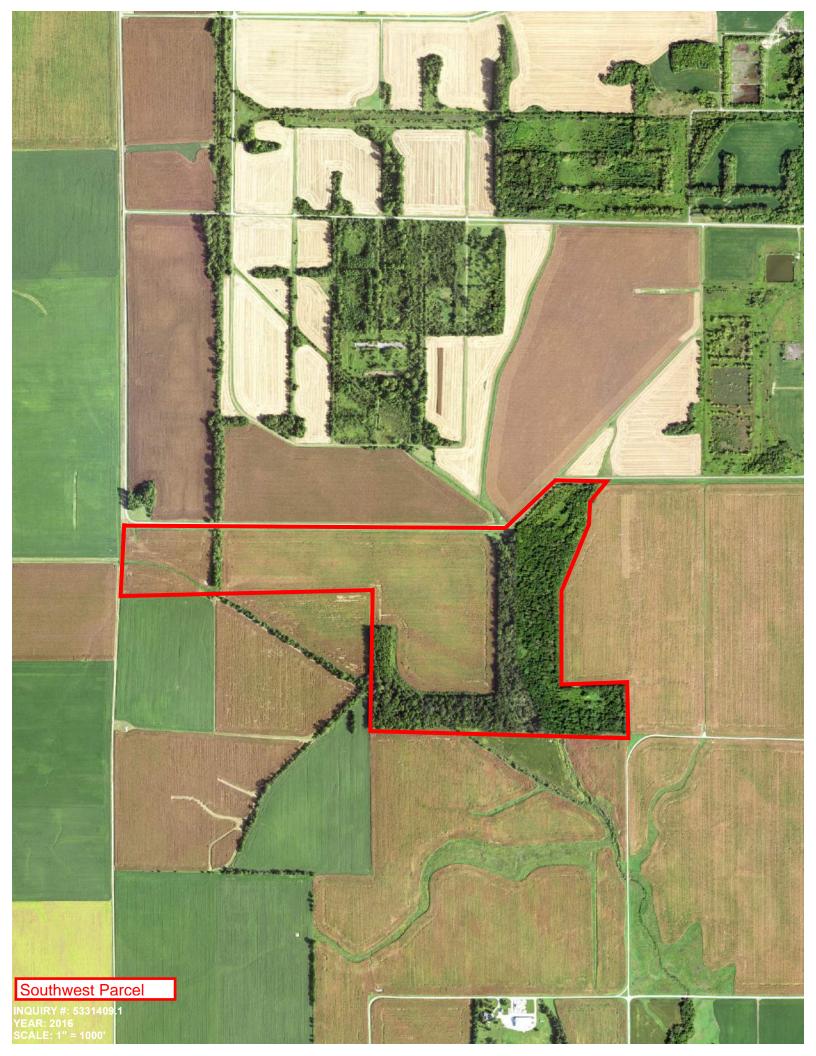




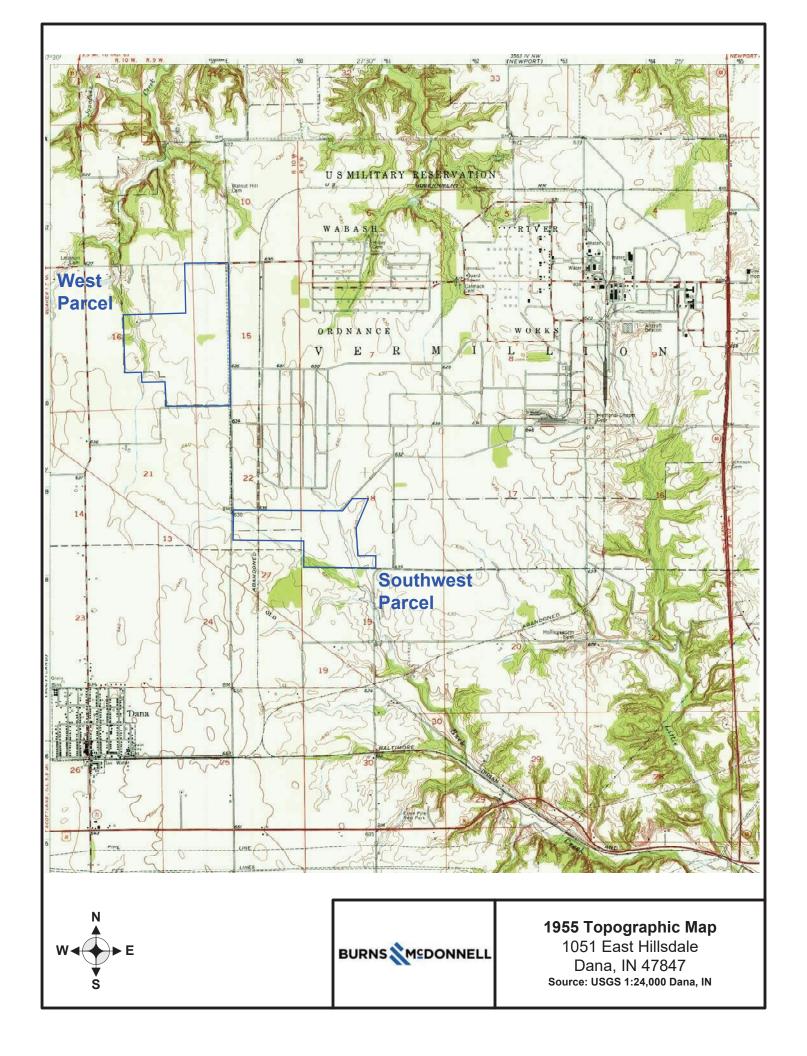


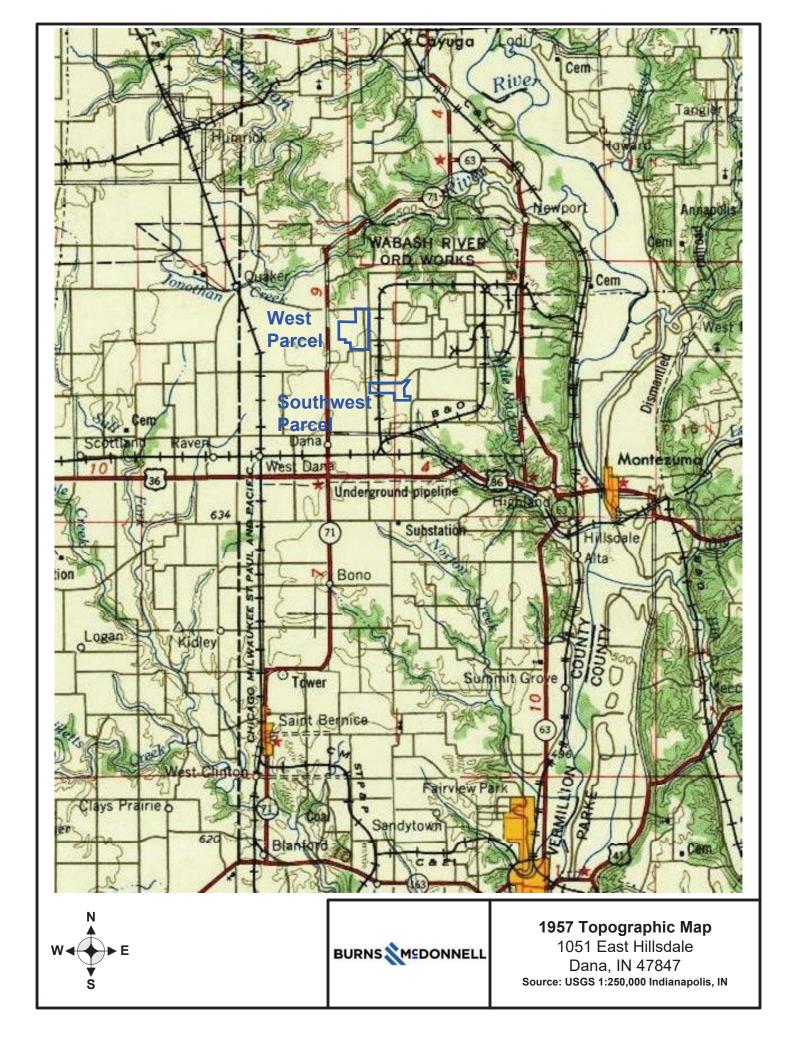


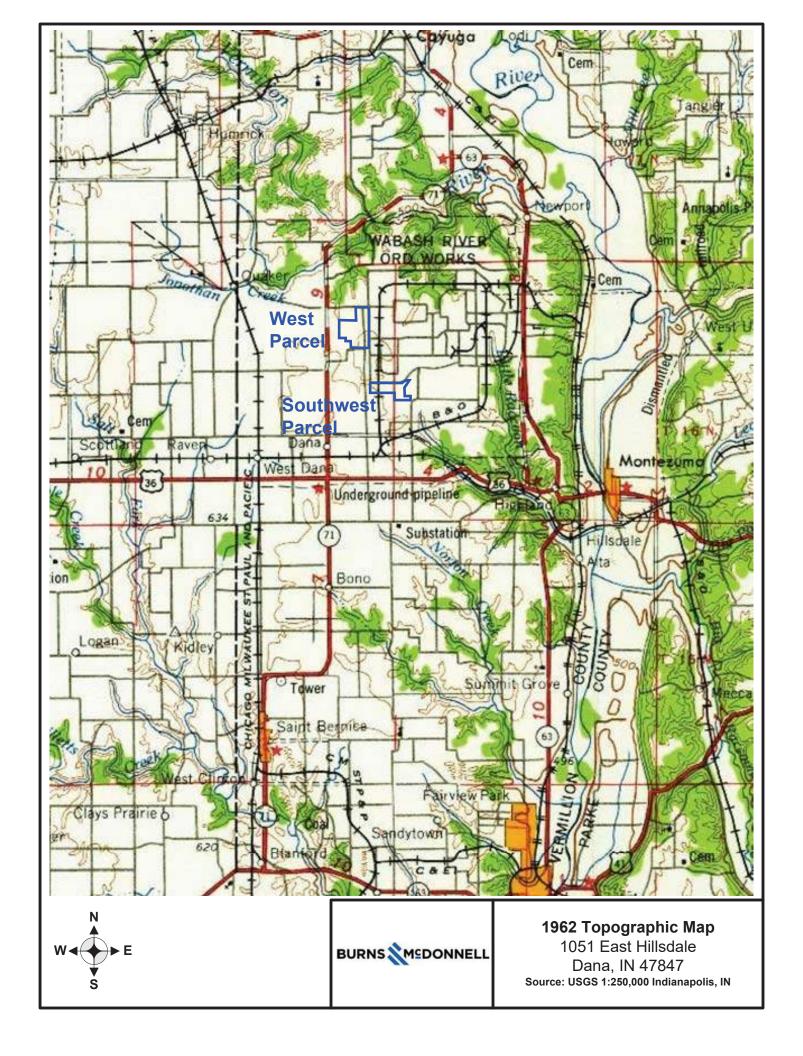


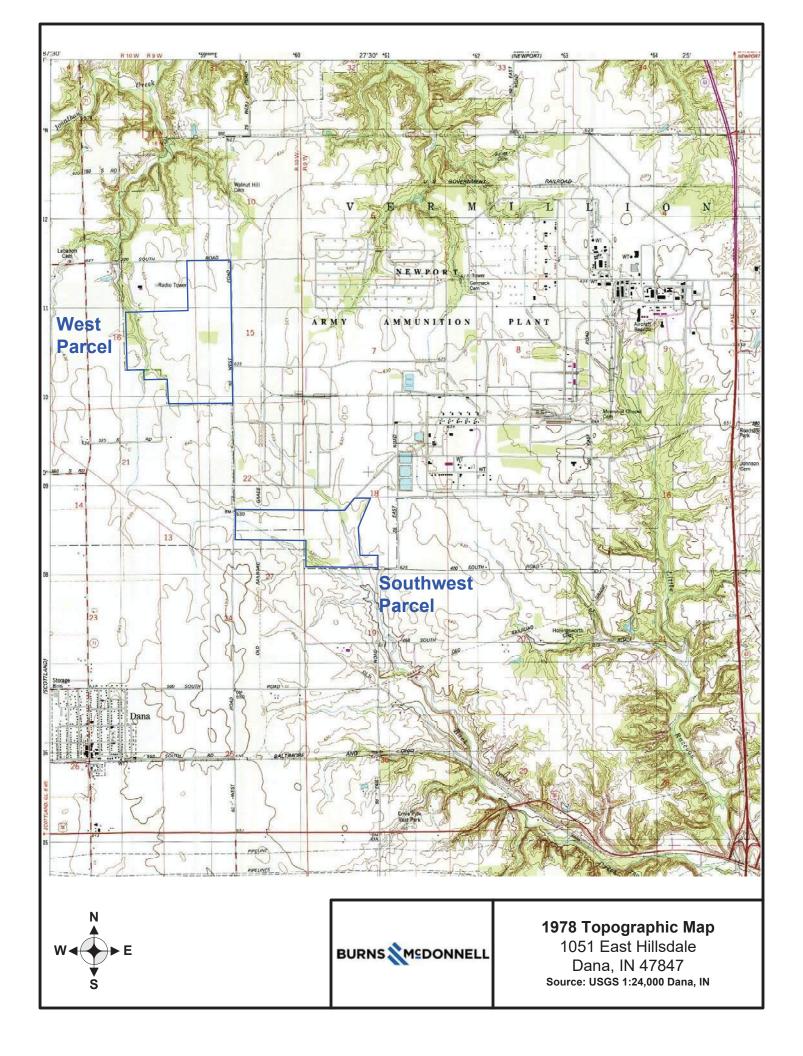


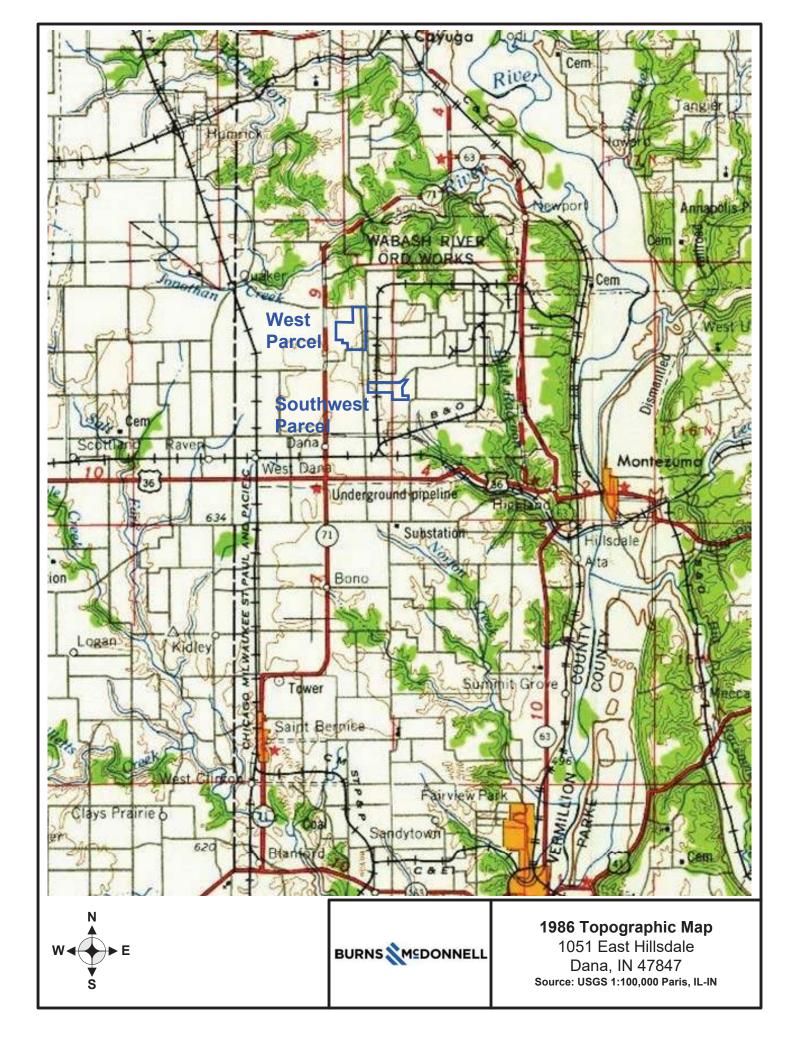




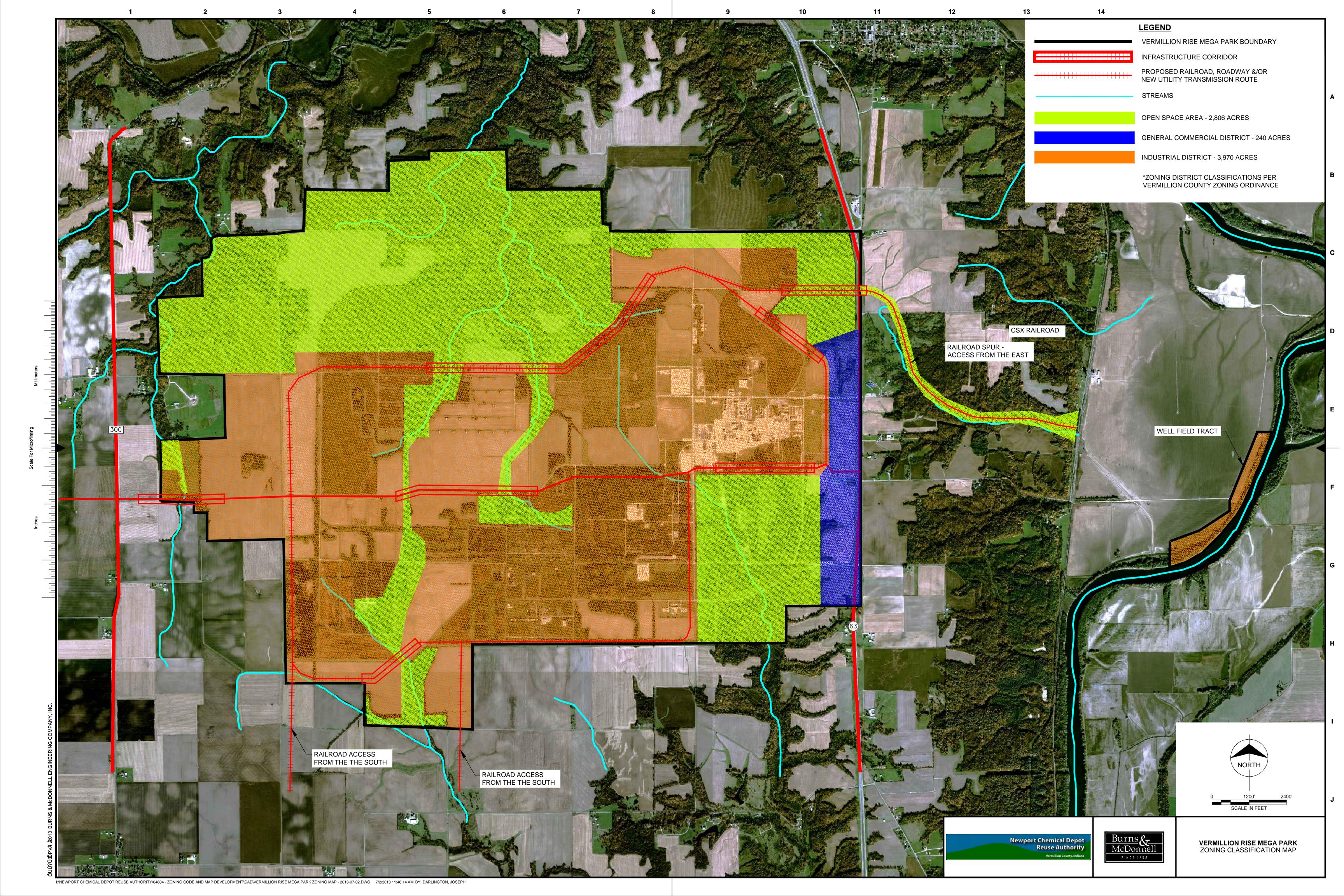














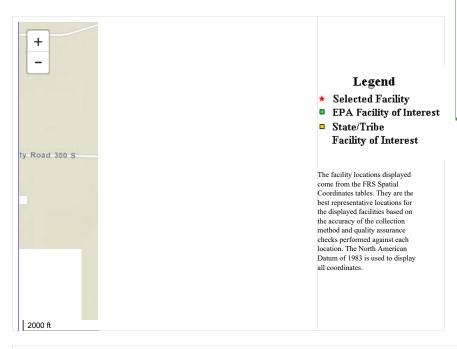
Related Topics: Envirofacts

FRS

FRS Facility Detail Report

NEWPORT CHEMICAL DEPOT

EPA Registry Id: 110000755601 3000 S SR 63 HILLSDALE, IN 47854



Facilty Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

Report an Error

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interest
NATIONAL COMPLIANCE DATABASE	MASON HAGER NEWPORT CHEM DEPOT	I05#20000518INP46 1	COMPLIANCE ACTIVITY	NCDB		
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	NEWPORT CHEMICAL DEPOT REUSE AUTHORITY	IN0003506	ICIS-NPDES NON-MAJOR	ICIS		ICIS- ENFORCEMENT/COMPLIANCE ACTIVITY
INDIANA - FACILITY REGISTRY SYSTEM	NEWPORT CHEMICAL DEPOT	330015653624	STATE MASTER	IN-FRS		CRTK-339 EPCRA UST-1488 UNDERGROUND STORAGE TANK PROGRAM LUST-198912519 LEAKING STORAGE TANK LUST-199012502 LEAKING STORAGE TANK LUST-199410501 LEAKING STORAGE TANK ACES-OP-16500003 AIR PROGRAM
AIR FACILITY SYSTEM	NEWPORT CHEMICAL DEPOT REUSE AUTHORITY	1816500003	AIR MINOR (OPERATING)	AIRS/AFS	07/24/2013	
EMISSION INVENTORY SYSTEM (EIS)	NEWPORT CHEMICAL DEPOT	4133711	AIR EMISSIONS CLASSIFICATION UNKNOWN	EIS	01/14/0017	
RISK MANAGEMENT PLAN	NEWPORT CHEMICAL DEPOT	100000008653	RMP REPORTER	RMP	06/29/1999	
CIS-AIR (AIR)	NEWPORT CHEMICAL DEPOT REUSE AUTHORITY	IN0000001816500003	AIR MINOR	ICIS	10/19/2014	
NATIONAL COMPLIANCE DATABASE	NEWPORT ARMY AMMUNITION PLANT	I05#1989051705CDO 1	COMPLIANCE ACTIVITY	NCDB		

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		Standard Industrial Classificat	ion Codes (S	SIC)								
Data Source	SIC Code	Description			Primary							
NPDES	4952	SEWERAGE SYSTEMS										
AIR	OWNE						National In	dustry Classification	System	Codes (NA	ICS)	
AIRS/AFS	OWNE					Data Source	NAICS Code	Description				Primary
AIRS/AFS	9611	ADMINISTRATION OF GENERAL	ECONOMIC	DDOCDAME		AIR	928110	NATIONAL S	ECURIT	ΓY.		
AIRS/AFS AIR	9611	ADMINISTRATION OF GENERAL ADMINISTRATION OF GENERAL				AIRS/AFS	928110	NATIONAL S	SECURIT	ΓY.		
NCDB	9711	NATIONAL SECURITY	LCONOMIC	TROGRAMS		EIS	562212	SOLID WAST	E LANI	OFILL.		
						RMP	561431	PRIVATE MA	IL CEN	TERS.		
		Facility Codes and	Flags					Facility Mailing	Addresse	es		
EPA Region: Duns Number		05				Affiliation Type	Delivery P	oint City Name	State	Postal Co	de Informa	tion System
Congressiona		umber: 08				MAILING ADDRESS			IN	47966	NPDES	
Legislative Di												
HUC Code/W		05120108 / MIDDLE	WABASH-L	ITTLE VERMILIO	ON			Contact	s			
US Mexico Bo	order Indic	ator:							-			
Federal Facili	ity:	U.S. ARMY				Affiliation Type	Full Name				Information	Mailing
Tribal Land:		NO							r	hone	System	Address
						OPERATOR	LEONARI	O A. HELT	7	652454352	NPDES	
		Alternative Nam	es			ENVIRONMENTAL CONTACT	LAURA C 10/01/2011	UNNINGHAM (ENI	DED 7	652454433	NPDES	
Alternative N		ODE CHEN DEPOS			e of Data			OLLINS (ENDED	_		· mp.r.c	
		ORT CHEM DEPOT IUNITION PLANT		NCDI NCDI		OWNER	12/31/2011	i) .	/	652454550	NPDES	
		DEPOT REUSE AUTHORITY		AIR	ь	RESPONSIBLE PAR	TY IOHN C. F	FENOGLIO			NPDES	
TENTORI C	III.MICIL	DEI OT RECEE ACTIONITY		лис		TELOT OT TOTAL TELOT		Litourio				
		Organizations				OTHER CONTACT	DAVE A. V	WEDDLE	7	652454201	NPDES	
Affiliation Ty	pe Name	2	DUNS Number	Information System	Mailing Address	OTHER CONTACT	STEVE A	KER			NPDES	
OWNER	US D	EPT OF THE ARMY	Number	NPDES	Address	OTHER CONTACT	DAVE WE	DDLE			NPDES	
OPERATOR	R J B.	AUMANN		NPDES		OPERATOR	LEONARI				NPDES	
OPERATOR	MASO	ON & HANGER SILAS MASON CO		NPDES		OTHER CONTACT	7/19/2010)	WEDDLE (ENDED	7	652454201	NPDES	
OWNER	GR W	ALLACE LTC CHEM CORPS		NPDES		ENVIRONMENTAL CONTACT	LAURA C	UNNINGHAM	7	652454433	NPDES	
MAILING ADDRESS	NEW	PORT CHEMICAL DEPOT		NPDES		OWNER	CATHY C	OLLINS	7	652454550	NPDES	
OWNER	US D	EPARTMENT OF ARMY		NPDES								
OWNER		PORT CHEMICAL DEPOT REUSE HORITY		NPDES								

Query executed on: JUN-25-2018

Last updated on September 24, 2015

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Detailed Facility Report

Facility Summary

NEWPORT CHEMICAL DEPOT 3000 S SR 63, HILLSDALE, IN 47854

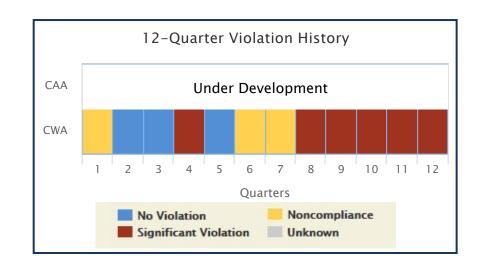
FRS (Facility Registry Service) ID: 110000755601

EPA Region: 05 Latitude: 39.837139 Longitude: -87.451

Locational Data Source: NPDES

Industry: Administrative and Support Services; Waste Management and Remediation Services; National Security and International Affairs

Indian Country: N



Enforcement and Compliance Summary



Related Reports

Enforcement Case Report

CWA Pollutant Loading Report

E CWA Effluent Charts

X CWA Effluent Limit Exceedances Report

View Envirofacts Reports

Regulatory Information

Clean Air Act (CAA): Operating Minor (IN0000001816500003)
Clean Water Act (CWA): Minor, Permit Effective (IN0003506)
Resource Conservation and Recovery Act (RCRA): No Information
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): 4133711 Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface

(CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110000755601					N	39.837139	-87.451
AIR	CAA	IN0000001816500003	Minor Emissions	Operating	CAAMACT, CAANSPS, CAASIP		N		
RMP	CAA	100000008653		INACTIVE			N		
EIS	CAA	4133711		OPERATING			N	39.877838	-87.450767
ICP	CWA	IN0003506	Minor: NPDES Individual Permit	Effective		01/31/2023	N	39.843889	-87.425722

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110000755601	NEWPORT CHEMICAL DEPOT	3000 S SR 63, HILLSDALE, IN 47854
AIR	CAA	IN0000001816500003	NEWPORT CHEMICAL DEPOT REUSE AUTHORITY	1000 S SR 63, NEWPORT, IN 47966
RMP	CAA	100000008653	NEWPORT CHEMICAL DEPOT	HWY 63 # 7700, NEWPORT, IN 47966
EIS	CAA	4133711	NEWPORT CHEMICAL DEPOT	3000 S SR 63, HILLSDALE, IN 47854
ICP	CWA	IN0003506	NEWPORT CHEMICAL DEPOT REUSE AUTHORITY	1000 S SR 63, NEWPORT, IN 47966

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
AIR	IN0000001816500003	9611	Administration Of General Economic Programs
ICP	IN0003506	4952	Sewerage Systems

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RMP	10000008653	561431	Private Mail Centers
EIS	4133711	562212	Solid Waste Landfill
AIR	IN0000001816500003	928110	National Security

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
	N	No data records returned	

Enforcement and Compliance

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07-07-17

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CWA	IN0003506	ICP	Evaluation	State	08/07/2017	
CWA	IN0003506	ICP	Evaluation	State	07/14/2016	
CWA	IN0003506	ICP	Evaluation	State	05/20/2015	
CWA	IN0003506	ICP	Reconnaissance without Sampling	State	02/18/2014	

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute

CWA

Statute	Source ID	Current SNC (Significant Noncompliance) HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC. (Noncompliance) (of 12)
CAA	IN0000001816500003	No		06/23/2018	0
CWA	IN0003506	Yes		03/31/2018	9

Three Year Compliance Status by Quarter

Program/Pollutant/Violation Type

QTR 1

3634341832

State

	CAA (Source ID: IN0000	001816500003)		07/01-09/30	/15 10/01-12	/31/15 01/	01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/1	7 10/01-12/	31/17 01/01	-03/31/18 0	4/01-06/30/18
		Facility-Le	vel Status		No Violatio	on												
		HPV H	istory															
	Violation Type	Agency	Programs	Pollutants		,						,						
Statute		Prograr	n/Pollutant/Violation Ty	/pe		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
		CWA (Sour	ce ID: IN0003506)			04/01-06/30/15	07/01-09/30/	15 10/01-12/31	/15 01/01-03/31/	6 04/01-06/30/10	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/1	04/01.06
		F	acility-Level Status			Violation	No Violation	No Violati	SNC/Cat	No Violation	Violation	Violation	SNC/Cat	SNC/Cat	SNC/Cat	SNC/Cat	SNC/Cat	Und
	SNC (Signifi	cant Non-complia	nce)/RNC (Reportable	Non-Compliance) Histo	ry	V(NonRNCV)			E(EffViol)	R(Resolvd)	V(NonRNCV)	V(NonRNCV)	E(EffViol)	E(EffViol)	E(EffViol)	E(EffViol)	E(EffViol)	
		Pollutant		Disch Point	Freq													
CWA	BOD, carbonaceous [5	day, 20 C]		001	Mthly					13%								
CWA	BOD, carbonaceous [5	day, 20 C]		001	NMth					6%								
CWA	E. coli, colony forming	units [CFU]		001	NMth	930%				99999%	99999%							
CWA	Phosphorus, total [as P]			001	Mthly	30%		120%	6 70%			30%	60%	10%	90%	50%	20%	
	Sin	gle Event Violation	ıs	NPDES Violation ID	Agency													

Informal Enforcement Actions (5 Years)

Management Practice Violations - Improper Operation and

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Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICP	IN0003506	Notice of Noncompliance Issued	State	08/07/2017
CWA	ICP	IN0003506	Notice of Noncompliance Issued	State	07/14/2016
CWA	ICP	IN0003506	Notice of Noncompliance Issued	State	04/20/2016
CWA	ICP	IN0003506	Notice of Noncompliance Issued	State	05/20/2015

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
CWA	ICP	OTHER	IN0003506	Administrative - Formal	IN-24557	State	IDEM Agreed Order Newport Chemical Depot Reuse Authority	02/09/2018	1	02/09/2018	\$0	\$6,800	\$0	\$0

Environmental Conditions

Water Quality

Pe	rmit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)- listed Aquatic Species?
INO	0003506			051201081604	Town of Newport-Little Vermilion River	WABASH RIVER & LITTLE RACCOON CREEK	No			Yes

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
05120108000715	Little Raccoon Creek	No	No	No	No	No	No

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
No	Ozone	
No	Lead	
No	Particulate Matter	
No	Sulfur Dioxide	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID Year Total Air Emissions Surface Water Discharges Off-Site Transfers to POTWs (Publicly Owned Treatment Works) Underground Injections Releases to Land Total On-site Releases	otal Off-site Releases
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TRI Facility ID Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned							
Гохісs Release II	nventory Total	Releases and Transf	ers in Pounds by Chemical and Year				
Toxics Release I	nventory Total	Releases and Transf	ers in Pounds by Chemical and Year				
Toxics Release I	nventory Total	Releases and Transf	Pers in Pounds by Chemical and Year Chemical Name				
Toxics Release I	nventory Total	Releases and Transf	•				

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	100%	Households in Area:	102
Center Latitude:	39.833306	Water Area:	0%	Housing Units in Area:	109
Center Longitude:	-87.444694	Population Density:	9/sq.mi.	Households on Public Assistance:	1
Total Persons:	254	Percent Minority:	3%	Persons Below Poverty Level:	70

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	251 (99%)	Child 5 years and younger:	10 (4%)
African-American:	0 (0%)	Minors 17 years and younger:	53 (21%)
Hispanic-Origin:	5 (2%)	Adults 18 years and older:	202 (80%)
Asian/Pacific Islander:	1 (0%)	Seniors 65 years and older:	44 (17%)
American Indian:	0 (0%)		
Other/Multiracial:	2 (1%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	3 (1.7%)	Less than \$15,000:	8 (7.77%)
9th through 12th Grade:	19 (10.8%)	\$15,000 - \$25,000:	16 (15.53%)
High School Diploma:	92 (52.27%)	\$25,000 - \$50,000:	30 (29.13%)
Some College/2-yr:	44 (25%)	\$50,000 - \$75,000:	26 (25.24%)
B.S./B.A. or More:	18 (10.23%)	Greater than \$75,000:	23 (22.33%)

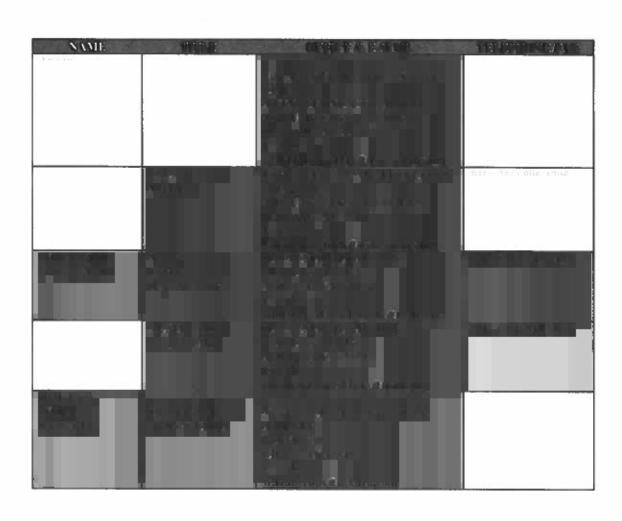
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	TABLE 1 - Newport Chemical Deput ESCA CLINS					
CLIN	DESCRIPTION	PERIOD OF PERFORMANCE	MAXIMUM OBLIGATION	AMOUNT OBLIGATED		
001	Continued Maintenance at Established LUC Sites	Year 1 through Year 20	\$103,443	103,443		
002	Establishing LUCs at Newly Identified Sites	Year 1 through Year 20	268,443	268,443		
003	Capped/Covered Sites Requiring Maintenance	Year 1 through Year 20	134,590	134,590		
004	Groundwater LTM Sites	Year 1 through Year 5	176,885	176,885		
005	Sites with New Remediation Requirements	Year 1 through Year 20	720,492	720,492		
006	Lementes	Year I through Year 20	54,016	54,016		
007	Program Management	Year I through Year 20	\$174,944	\$ 174,944		
008	Environmental Services	Year I through Year 20	\$145,787	\$145,787		
009	Business Needs Analysis/Engineering	Year I	\$219,000	\$219,000		
		TOTAL OBLIGATION	\$1,997,600	1,997,600		

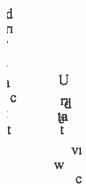












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- 2. information contained in the documents identified in the applicable documents Section of the TSRS, fairly and accurately represents the Army's actual knowledge of the nature and extent of contamination within the Transfered Parcels and the ACES.
- 5.6.2. The Recipient represents that:
 - 1. it is fully authorized to enter into this Agreement; and
 - 2. it enters this Agreement cognizant of the requirements and prohibitions set forth in the Anti-Deficiency Act and that any provision of this Agreement that states or implies that the Army will reimburse the NeCDRA for specific costs incurred are wholly subject to the Anti-Deficiency Act and that the Army's obligations are subject to that law.
- 5.7. <u>Conflict of Interest</u>. The NeCDRA shall ensure that its employees are prohibited from using their positions for a purpose that is or gives the appearance of being motivated by a desire for private gain for themselves or others.
- 5.8. Access to and Retention of Records. The Recipient shall afford any authorized representative of the Army, the Department of Defense, or the Comptroller General, or other officially concerned Federal government agency access to and the right to examine all records, books, papers, and documents, including records in automated forms ("Records") that are within the Recipient's custody or control and that relate to its performance under this Agreement. This right of access to records shall not include attorney client communications, attorney work product or other legally privileged documents, nor shall it waive any confidentiality or privilege afforded by environmental statutes or regulations. The Recipient shall retain all such records intact in such form, if not original documents, as may be approved by the Army or other officially concerned government agency, which approval shall not be unreasonably withheld, for at least 30 years following completion or termination of this Agreement or transfer all such records into Army custody. Access to the Recipient's records will be during normal business hours, and the Army or other officially concerned federal government agency will give the Recipient 72 hours prior notice of its intention to examine the Recipient's records, unless the Army or other officially concerned federal government agency determines that more immediate entry is required by special circumstances. The Recipient will have no claim due to such entries against the Army or other officially concerned government agency, or any officer, agent, employee, or contractor thereof.
- **5.9.** Change of Circumstances. Each party will promptly notify the other party of any legal impediment, change of circumstances, pending litigation, or any other event or condition that may adversely affect such party's ability to carry out any of its obligations under this Agreement.
- 5.10. <u>CERCLA Requirements.</u> For purposes of 42 U.S.C. Section 9620(h)(3), this Agreement shall not increase, diminish, or effect in any manner any rights or obligations of the Recipient or the Army with respect to the Transfer<u>red Parcels, Phase 2 Parcels</u> and the ACES.

- **5.11.** Officials Not to Benefit. The Recipient acknowledges that no member or delegate to the United States Congress, or resident Commissioner, shall be permitted to share in any part of this Agreement or receive any benefit that may arise there from.
- 5.12 Force Majeure. The Parties shall perform the requirements of this Agreement within the schedules and time limits set forth herein unless the performance is prevented and delayed by events that constitute a Force Majeure. If either Party disputes whether an event constituting force majeure has occurred hereunder, the dispute resolution set forth in Section D.9 may be invoked.

--- END OF SECTION C ---

SECTION D GENERAL TERMS AND CONDITIONS (STATE & LOCAL GOVERNMENTS)

- 1. FEDERAL STATUTES AND REGULATIONS. Federal statutes and regulations to include, but not limited to, 32 CFR 33 and DoD 3210.6-R¹, take precedence over all terms and conditions of this Agreement.
- 2. <u>ADMINISTRATION AND COST PRINCIPLES</u>. Applicable to this award, and incorporated herein by reference, are the requirements of the following Office of Management and Budget (OMB) Circulars², as of the effective date of the award:
 - (a) OMB A-87 "Cost Principles for State, Local and Indian Tribal Governments" (As revised on 10 May 2004 and relocated to 2 CFR Part 225);
 - (b) OMB A-102 "Grants and Cooperative Agreements with State and Local Governments" (Revised 07 October 1994, as further amended on 29 August 1997) and as codified at 32 CFR 33;
 - (c) OMB A-133 "Audits of States, Local Governments, and Non-Profit Organizations" (Revised 24 June 1997), includes revisions published in the Federal Register on 27 June 2003.
- 3. <u>CERTIFICATIONS</u>. By acceptance (signing) of this award or by accepting funds under the award, the Recipient thereby makes the following certifications:
 - (a) Appendix A to 32 CFR Part 25 regarding debarment, suspension, and other responsibility matters;
 - (b) Appendix C to 32 CFR Part 25 regarding drug-free workplace requirements; and,
 - (c) Appendix A to 32 CFR Part 28 regarding lobbying.
- 4. AWARD PROVISIONS FOR NATIONAL POLICY REQUIREMENTS. By acceptance (signing) of this award, or by accepting funds under the award, the Recipient assures that it will comply with applicable provisions of the following national policy requirements (as applicable) with respect to the prohibition of discrimination:
 - (a) On the basis of race, color, or national origin, in Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d, et seq.), as implemented by DoD regulations at 32 CFR Part 195;
 - (b) On the basis of race, color, religion, sex, or national origin, in Executive Order 11246 [3 CFR, 1964-1965 Comp.p.229], as implemented by Department of Labor Regulations at 41 CFR Part 60];

¹ DoD Grant and Agreement Regulations at http://www.dtic.mil/whs/directives/corres/html/32106r.htm
² OMB Circulars/Forms at http://www.whitehouse.gov/omb/grants/index.html

- (c) On the basis of age, in the Age Discrimination Act of 1975 (42 U.S.C. § 6101, et seq.), as implemented by Department of Health and Human Services regulations at 45 CFR Part 90; and,
- (d) On the basis of handicap, in Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794), implemented by Department of Justice regulations at 28 CFR Part 41 and DoD regulations at 32 CFR Part 56.
- **5.** <u>RETENTION AND EXAMINATION OF RECORDS</u>. Retention and access requirements for records shall be as set out at 32 CFR 33.42.
- 6. ENVIRONMENTAL PROTECTION. By acceptance (signing) of this Agreement or accepting funds under this Agreement, the Recipient agrees to comply with applicable Federal environmental laws in undertaking activities on the transferred Parcels and ACES that are not covered by the Agreement, including:
- 6.1. The Recipient agrees that its performance under this Agreement, with Equivalent State Compliance, will comply with all applicable Federal, State or local environmental laws and regulations, including but not limited to: the requirements of the Clean Air Act (42 U.S.C § 7401-7671q.) and Section 308 of the Federal Water Pollution Control Act (33 U.S.C. § 1318), which relate generally to inspection, monitoring, entry reports, and information, and with all regulations and guidelines issued there under; the Resource Conservation and Recovery Act of 1976 ("RCRA", 42 U.S.C. § 6901, et seq.); the Comprehensive Environmental Response, Compensation and Liability Act of 1980 ("CERCLA," 42 U.S.C. § 9601, et seq.); and the National Environmental Policy Act of 1969 ("NEPA," 42 U.S.C. § 4321, et seq.); the Clean Water Act (33 U.S.C. 1251-1387); and 40 CFR Part 32.
 - (a) The Recipient will comply with all existing environmental permits and the VCAA, and the Parties will cooperate with each other in preparation of future corrective action agreements, as permitted by law, required for the Recipient's compliance under this Agreement.
 - (b) The Government's rights under this Agreement specifically include the right for Government officials to inspect for compliance with environmental, safety, and occupational health laws and regulations, whether or not the Government is responsible for enforcing them. Such inspections are without prejudice to the right of duly constituted enforcement officials to make such inspections.
 - (c) The Recipient understands and agrees that there may be future Government activities in support of environmental cleanup or disposal operations for Army Retained Conditions. The Recipient agrees to cooperate to the extent necessary in support of these operations, and will not interfere with or hinder any such operations by the Government.
 - (d) Conditions or activities giving rise to the liabilities which occurred prior to the onset of this Agreement, and are not a result of, or related to any action, or failure to act, by the Recipient, are not subject to indemnification provisions in Section C. This provision will survive the expiration or termination of this Agreement.

- **6.2.** It will identify to the Grants Officer any impact on flood-prone areas, and provide help that the Grants Officer may need to comply with the National Flood Insurance Act of 1968 and Flood Disaster Protection Act of 1973 (42 U.S.C. 4001, et seq.), which require flood insurance, when available, for Federally assisted construction or acquisition in flood-prone areas.
- 6.3. It will identify to the Grants Officer any impact on underground sources of drinking water in areas that have an aquifer that is the sole or principal drinking water source, and assist the Grants Officer in compliance with the Safe Drinking Water Act of 1974 (42 U.S.C. 300h-3).

7. CHANGES.

- 7.1. Relation to Cost Principles. The cost principles set forth in OMB A-87 "Cost Principles for State, Local and Indian Tribal Governments", contain requirements for prior approval of certain types of costs. These prior approval requirements apply to all Federal Assistance instruments (and subgrants) entered into by the Army Corps of Engineers Grants Officer. In addition to the prior approvals required under OMB A-87, capital expenditures for equipment, including replacement equipment, other assets, and improvements which materially increase the value or useful life of equipment or other capital assets are allowable as direct costs.
- 7.2. <u>Budget Changes</u>. Request for prior approval shall be in the same budget format the Recipient used in its application and shall be accompanied by a narrative justification for the proposed revision. The Recipient shall obtain written approval of the Grants Officer prior to initiating any changes to the budget.
- 7.3. <u>Programmatic or Scope Changes</u>. Regardless of whether there is an associated budget change requiring approval, the following changes require prior written approval:
 - (a) Need to extend the period of availability of funds; or
 - (b) Changes to the TSRS incorporated herein at Section E, Attachment E.1.
 - (c) Modification to the requirements and/or funding needed for Long-Term Obligations, insurance, and related liability incorporated herein at Section C.

8. ENFORCEMENT AND TERMINATION FOR CONVENIENCE.

- **8.1.** Remedies for Noncompliance. The Government's remedies for noncompliance are as set forth at 32 CFR 33.43(a).
- **8.2.** Suspension and Termination. The basis for and effects of suspension and termination are as set forth at 32 CFR Part 33.
- **8.3.** Relationship to Debarment and Suspension. The enforcement remedies identified in this section do not preclude the Recipient from being subject to "Debarment and Suspension" under E.O. 12549.

- **8.4.** Termination for Convenience. This Agreement may also be terminated, in whole or in part, only by the Grants Officer with the consent of the Recipient in which case the two parties shall agree upon the termination conditions, including the effective date and in the case of partial termination, the portion to be terminated.
- 9. DISPUTES AND ALTERNATIVE DISPUTES RESOLUTION (32 CFR 22.815). Disputes between the Recipient and the Grants Officer shall be resolved by mutual agreement at the Grants Officer's level, to the maximum extent practicable. Disputes are written demands or written assertions by one of the parties seeking, as a matter of right, the payment of money in a sum certain, the adjustment or interpretation of terms, or other relief arising under or relating to the award, including maters in dispute regarding the performance of environmental services under Section C. The dispute shall, at a minimum, contain sufficient information and supporting data to enable the Grants Officer to render an informed decision. Whenever the Recipient submits, in writing, a dispute to the Government, the Grants Officer shall consider the issue(s) and, within 60 calendar days of receipt, either:
 - (a) Prepare a written decision, which shall include the basis for the decision and shall be documented in the award file; or
 - (b) Notify the Recipient of a specific date when he or she will render a written decision. The notice shall inform the Recipient of the reason for delaying the decision.

The Recipient shall proceed diligently with performance of the award, to the extent the Grants Officer continues to certify for payment Recipient's funding requests, pending final resolution of any dispute.

- 9.1. <u>Alternative Disputes Resolution (ADR)</u>. These procedures include settlement negotiations, mediation, and fact-finding. In the event the Recipient decides to appeal the decision the Recipient is encouraged to enter into ADR procedures with the Grants Officer, as set forth herein:
 - (a) If the Recipient decides to appeal under ADR, it must within 90 calendar days from the date that it receives the Grants Officer's written decision, mail or otherwise furnish to the Grants Officer notice that an appeal is intended using the ADR procedures herein. The appeal shall include a description of the claim or dispute, reference to the pertinent Agreement terms, and a statement of factual areas of agreement and disagreement.
 - (b) Within 30 calendar days from the date that the Grants Officer is furnished the Recipient's appeal the Grants Officer shall provide all data, documentation, and pertinent information, required for use on a pending appeal to the Grant Appeal Authority.
 - (c) The Grant Appeal Authority as designated in Army Federal Acquisition Regulations (AFARS) Part 5133.90 shall review the facts pertinent to the dispute or secure assistance from legal and other advisors and issue a written decision with supporting rationale.
 - (d) If the Recipient chooses not to initiate an appeal using ADR procedures, it may initiate such formal claims as are authorized by 28 U.S.C. 1491, or other applicable statutes.

- 10. <u>RECIPIENT RESPONSIBILITY</u>. The Recipient has full responsibility for the conduct of the effort supported by this Agreement, in accordance with the Recipient's Application for Federal Assistance (and supporting documentation), and the terms and conditions specified in this Agreement. The Recipient is encouraged to suggest, or propose to discontinue, or modify unpromising efforts.
- 11. ACKNOWLEDGEMENT OF SPONSORSHIP. The Recipient agrees that in the release of information relating to this Agreement, such release shall include a statement to the effect that: (a) the effort is/was sponsored by the Department of the Army, Assistant Chief of Staff for Installation Management; (b) the content of the information does not necessarily reflect the position or policy of the Government; and (c) that no official endorsement should be inferred. "Information" includes news releases, articles, manuscripts, brochures, advertisements, still and motion pictures, speeches, trade association proceedings, symposia, etc.
- 12. <u>SUBCONTRACTS</u>. Pursuant to 32 CFR 33.36 (a) and (b), the Recipient will follow the same policies and procedures it uses for procurements from its non-Federal funds. The Recipient will ensure that every purchase order or other contract includes any clauses required by Federal statutes and Executive Orders and their implementing regulations, as set forth under 32 CFR 33.36 (i) (1) through (13) inclusive.
- 13. <u>SUBGRANTS</u>. The Recipient shall follow State law and procedures when awarding and administering subgrants (whether on a cost-reimbursement or fixed amount basis), pursuant to 32 CFR 33.37 (a) (1) through (4) inclusive.
- 14. <u>ALLOWABILITY OF COSTS</u>. Allowability of costs shall be in accordance with 32 CFR 33.22 and 32 CFR 33.23.
- 15. OFFICIALS NOT TO BENEFIT. No member of or delegate to Congress, or resident commissioner, shall be admitted to any share or part of this Agreement, or to any benefit arising from it, in accordance with 41 U.S.C. § 22.
- 16. CHANGE OF CIRCUMSTANCES. Each party will promptly notify the other party of any legal impediment, change of circumstances, pending litigation, or any other event or condition that may adversely affect such party's ability to carry out any of its obligations under this Agreement.
- 17. PROTECTION OF HISTORIC RESOURCES. The Recipient agrees to comply with Section 106 of the National Historical Preservation Act of 1966 (16 U.S.C. 470 (f)), as implemented by the Advisory Council on Historic Preservation regulations at 36 CFR 800 and E.O. 11593.
- 18. PROTECTION OF THREATENED AND ENDANGERED SPECIES AND NATURAL HABITAT. The Recipient agrees that its performance under this Agreement will comply with all applicable federal, state, and local laws and regulations related to the protection of threatened and endangered species and natural habitat, if any, included but not limited to the requirements of the Endangered Species Act of 1973 (16 U.S.C. § 1531, et seq.). The Recipient is aware of and understands its obligations to protect and conserve threatened and endangered species and to take all reasonable precautions to protect trees and natural habitat during

maintenance and future operations and to restore the ground surface after completion of maintenance or other operations as near to its former condition as may be possible for protection against erosion.

19. HATCH ACT. The Recipient agrees to comply with the Hatch Act (5 U.S.C. 1501-1508 and 7324-7328), as implemented by the Office of Personnel Management at 5 CFR Part 151, which limits political activity of employees or officers of State or local governments whose employment is connected to an activity financed in whole or in part with Federal funds.

20. AFTER THE AWARD REQUIREMENTS.

- (a) Closeout, subsequent adjustments, continuing responsibilities, and collection of amounts due are subject to the requirements in 32 CFR 33.50 through 33.52.
- (b) Pursuant to 32 CFR 33.50, the Recipient shall submit, within 90 calendar days after the date of expiration of the award, all financial, performance, and other reports as required by the terms and conditions of the award. The Grants Officer may approve extensions when requested by the Recipient.
- 21. MODIFICATION OF AGREEMENT. The only method by which the Agreement can be modified is through formal, written modification, signed by the Grants Officer on behalf of the Government. No other communications, whether oral or in writing, shall be binding on the parties.

- END OF SECTION D -

ATTACHMENT E.1 TECHNICAL SPECIFICATIONS AND REQUIREMENTS STATEMENT Draft

1.0 INTRODUCTION

In accordance with the terms of this Environmental Services Cooperative Agreement (ESCA), this Technical Specifications and Requirement Statement (TSRS) provides the U.S. Department of the Army's (Army) general specifications for the Newport Chemical Depot Reuse Authority (NeCDRA) to conduct the environmental services, address environmental scheduling and regulatory issues, and assume liability and responsibility for Long Term Monitoring (LTM), landfill cap inspections, recording Environmental Restrictive Covenants, and maintenance of the Areas Covered by Environmental Services (ACES), as defined in Section C.3.1 of the ESCA and identified in Appendix 1 - C. NeCDRA is also responsible for abandonment of unused groundwater monitoring wells, and remediation of asbestos in the RDX Manufacturing Area (RDX-MA). The Army will sign a Finding of Suitability to Transfer (FOST) outlining the environmental condition of the ACES. The Army has transferred property to NeCDRA via a Deed in FY11 and will transfer property to the NeCDRA via a Deed in FY12. These transfer parcels are identified on the Map in Appendix 1 - D. Some of the parcels have received No Further Action (NFA) concurrence from the State of Indiana Department of Environmental Management (IDEM) via NFA letter. The NeCDRA is responsible for performing tasks described in the VCAA and herein that are necessary for the Army to obtain NFA concurrence for all parcels in the ACES that have not already received IDEM NFA letters or that are not already indicated as NFA parcels in the Voluntary Corrective Action Agreement (VCAA). Additional tasks not currently included in VCAA that may be required by IDEM to obtain NFA or Acknowledgement of Termination are not included in this TSRS. Table 1 entitled Parcels Requiring Long-Term Monitoring, Inspections, Maintenance, and Other Activities is provided at the end of this document.

The environmental services will be performed in conjunction with the redevelopment of the ACES. Implementation of the LTM Work Plan will also satisfy the requirements of the VCAA and other environmental laws and regulations applicable to the ACES. The Army will provide funding for the environmental services required, as provided for in the ESCA and this TSRS. The mechanism for funding these services is the ESCA. Availability of ESCA funds not appropriated and not available for disbursement as described in Section B.5 of the ESCA will limit NeCDRA's obligation to complete environmental services at sites within the ACES, consistent with the provisions of Section C.4.1.1. of the ESCA.

1.1 Background

As provided in Section C.4 of the ESCA, the NeCDRA will conduct long term monitoring, inspections, maintenance, and other Activities at the ACES and the Army will provide the appropriate level of oversight as specified in this TSRS. The Army's involvement in the environmental activities of the ACES will be limited to the scope of the ESCA and this TSRS. This document is meant to support and be consistent with the ESCA. If inconsistencies are found between this TSRS and the ESCA after the ESCA has been signed, the ESCA shall control. If inconsistencies are not resolved after referring to the ESCA, the parties will work toward a resolution, in accordance with Section D.9 of the ESCA.

1.2 Applicable and Relevant Documents

Lists of applicable and relevant documents are attached as Exhibit A of this TSRS for RCRA permitted parcels.

2.0 TECHNICAL SERVICES REQUIRED

2.1 Task Description

The major component activities of this TSRS are outlined below.

- 1. Project management
- 2. Long Term Monitoring (LTM) and engineered cover inspections
- 3. Conduct yearly evaluations of data
- 4. Well Abandonment
- 5. Remediation of asbestos in RDX manufacturing Area
- 6. Regulatory Requirements of the VCAA
- 7. Public Involvement
- 8. Period of Performance
- 9. Submittal of Documents and Project Schedule

The NeCDRA shall provide the necessary qualified and licensed personnel, equipment, and resources successfully to execute the work described herein in accordance with the ESCA and, where applicable, the VCAA. Project activities and responsibilities are outlined in the following sections and additional details on project activities listed below are found in Section 3 of this TSRS. This TSRS more fully specifies the environmental services NeCDRA will conduct under the ESCA on behalf of the Army. Nothing in this TSRS shall limit the NeCDRA from conducting environmental activities that vary from those activities specified in this TSRS for sites covered by the VCAA, provided such activities are coordinated with the Army and ultimately achieve Acknowledgement of Termination from IDEM. The ultimate requirements of the TSRS are 1) to achieve Acknowledgement of Termination as described in the VCAA so that the Army may close the VCAA and 2) for those ACES not included in the VCAA the ultimate requirement is to complete the services described in Table 1.

2.1.1 Project Management

The nature of the monitoring at the environmental sites of the ACES requires coordination of project activities to ensure that stakeholders are kept informed of the project status, existing or potential problems, and any changes that may be required to prudently manage the project. Project stakeholders include the Department of the Army Base Realignment and Closure (BRAC) Division (ODB), Indiana Department of Environmental Management (IDEM), U.S. Environmental Protection Agency (EPA), Region 5, and the local community and the NeCDRA-operated successor public forum for environmental actions, if applicable. The NeCDRA will use the LTM Work Plan to guide the monitoring of the ACES in conjunction with redevelopment while ensuring consistency with applicable environmental laws and regulations. To ensure that the monitoring requirements are being met, the Army shall consult with NeCDRA, review and comment on documents, and review for concurrence any revisions, modifications, or amendments to the VCAA as required in Section C.4.2.2 of the ESCA.

The NeCDRA shall maintain a document repository. The NeCDRA shall also prepare and submit semi-annual progress reports (as defined in Section 3.1) to the Army that document technical progress to date, depict upcoming work, and describe any technical issues confronted with successful or proposed solutions. Finally, the NeCDRA shall hold conference calls, as defined in Section 3.3, with the Army representative on an as-needed basis as determined by the Army to discuss the progress of the monitoring and the status of ongoing documents/reports being reviewed by the Army representative. The Army representative shall be the Base Environmental Coordinator, or a designated successor. Additional details on the project management responsibilities are found in Section 3.1 through Section 3.3 of this TSRS.

2.1.2 Long Term Monitoring and Engineered Cover Inspections

The NeCDRA shall conduct sampling and analysis that may be necessary in accordance with the VCAA and ESCA. As work is completed during the period of performance, the NeCDRA shall record any changes needed to the necessary documents (e.g., LTM Exit

Strategy Report [SAIC April 2012], VCAA) and provide changes to the Army for review in accordance with the procedures specified in the ESCA Section C.4.2.2. To the extent additional site assessment results in additional decision documents or amendments, independent of the VCAA, the Army will review for concurrence, in order to ensure consistency of any long term monitoring actions pursuant to the review procedures set forth in Section C.4.2 of the ESCA.

The NeCDRA shall conduct semi-annual inspections of the Construction Debris Dump (CDD) to check the integrity of the cap, surface water diversions, and the stability of the creek bank. In addition, the rock riprap layer on the creek bank slope shall be checked for excessive sediment deposits or scouring to ensure optimum performance of these structures. The cap shall be mowed monthly during the growing season (April – September) to remove woody vegetation.

The NeCDRA shall conduct semi-annual inspections of the Decontaminated Waste Burial Ground (DWBG) to check the integrity of the surface barrier. The cap shall be mowed monthly during the growing season (April-September) to remove woody vegetation.

Long Term Monitoring will consist of 1) semi-annual sampling of four groundwater monitoring wells (WBA-03, WBA-08, WBA-09, and WBA-10) and three surface water monitoring locations (SW-DWBG-08, SW-DWBG-09, and SW-DWBG-10) at the DWBG and analyzing those samples for Volatile Organic Compounds (VOCs) using EPA method 8260 and 2) annual sampling of two groundwater monitoring wells (RMA-18 and RMA-25) and two surface water samples for SW-SRMA-01 and SW-SRMA-02 at the RDX MA and analyzing those samples for Royal Demolition Explosive (RDX) using EPA method 8330. Groundwater samples will also be monitored for pH, specific conductance and temperature.

Prior to the end of the Period of Performance, discussed in Section 2.1.8, the NeCDRA shall implement, to the extent required by the VCAA and the ESCA, a plan to meet Long-Term Monitoring pursuant to the ESCA. This plan will provide for the implementation of the Long Term Monitoring, including without limitation, ongoing

monitoring activities required by the VCAA. In addition, the NeCDRA shall prepare monitoring reports and effectiveness reports as required by the VCAA, and submit copies of the plans and reports to the Army representative. The Army shall review and comment on such plans and reports in accordance with the Army oversight procedures specified in Section C.4.2 of the ESCA.

The NeCDRA will implement a laboratory chemical analysis program and quality assurance summary. The chemical analysis program will conform to the analytical requirements presented in the Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW 846, and Methods for Chemical Analysis of Waters and Wastes.

The NeCDRA will also prepare and implement a Quality Assurance Project Plan for the LTM project. A data validation program will be implemented and a quality assurance summary will be included with the data.

2.1.3. Conduct Yearly Evaluations of Data

NeCDRA shall conduct yearly evaluations of the monitoring data using Mann-Kendall and Modified Cost-Effective Sampling analyses as part of the annual long term monitoring reports to determine if sampling frequency can be modified or discontinued. The evaluations shall include data obtained from previous monitoring events. The evaluations shall be included in the Long-term Monitoring Technical Memorandum for submittal to IDEM. The Memorandum shall also include data reporting and validation and quality assurance summary.

NeCDRA shall prepare a Technical Memorandum annually to document the sample results and update the groundwater and surface water conditions. The Technical Memorandum shall contain a section for each SWMU and shall be submitted on an annual basis. The Technical Memorandum will contain, at a minimum, the following information:

- I Summary of previous results
- II Purpose and Summary of Activities

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- III Current Groundwater Results
- IV DWBG Mann-Kendall Groundwater Modeling Results and MCES Analysis
- V RDX MA Mann-Kendall Groundwater Modeling Results and MCES Analysis
- VI Sampling Optimization
- VII Laboratory Chemical Analysis Program and Quality Assurance Summary

NeCDRA shall submit inspection reports for the CDD and DWBG covers annually. The inspection reports shall document the integrity of the cap/surface barrier, include a description of any damage to the cap/soil barrier with a figure denoting the location of the damage, and a description of the repairs that have been completed or scheduled for completion.

2.1.4 Groundwater Well Abandonment

One Hundred Fourteen groundwater monitoring wells listed in Table 2 shall be abandoned in accordance with 312 Indiana Administrative Code 13-10-2 and any other applicable Indiana regulations. Upon completion of long term monitoring, unused wells are to be abandoned in accordance with applicable Indiana regulations.

2.1.5 Remediation of Asbestos in RDX Manufacturing Area

The RDX manufacturing area buildings were burned in the late 1970's to 5X decontaminate them. After completion of the Site Investigation, it was noted that asbestos tile was on and around the building foundations. The area has been used for cattle grazing periodically for the past 20 years and the asbestos tile has degraded and been spread throughout the 275 acre RDX-MA. The NeCDRA is to remove and dispose of the asbestos in accordance with applicable OSHA and EPA regulations until no visible asbestos debris remains.

2.1.6 Regulatory Requirements According to the VCAA

The NeCDRA shall be responsible for negotiating with IDEM along with the Army to assist the Army in achieving NFA concurrence pursuant to the VCAA and the ESCA. As appropriate, NeCDRA will coordinate with other local, state, and/or federal agencies in order to achieve NFA concurrence. Any modifications to the VCAA shall be coordinated with the Army.

At the time of property transfer the NeCDRA shall record all land use control (LUC) restrictions on those areas included in the VCAA Attachment B and those sites listed in Table 1 herein, as Environmental Restrictive Covenants consistent with IC 13-25-4-24. NeCDRA shall be responsible to maintain all LUCs described in existing NFAs and the VCAA. For LUCs where no intrusive activities are allowed, LUC Maintenance shall include establishment of at least four signs identifying each LUC boundary, repair and replacement of damaged LUC signs, mowing the LUC boundary monthly throughout the growing season (6 mowing events per year), and annual inspection and reporting of LUC conditions.

2.1.7 Public Involvement

The opportunity for public involvement is essential for obtaining community input and maintaining community understanding and support for the actions on the ACES.

The NeCDRA shall be responsible for notification to, involvement with, and solicitation of input from the public as required. The NeCDRA will provide and brief the public and/or elected officials with information pertaining to the environmental services being conducted on the ACES, as may be necessary. The NeCDRA will be responsible for initiating, coordinating, and scheduling necessary public activities relating to the activities on the ACES including developing briefings, presentations, fact sheets, developing additional statements of work for performing monitoring actions and/or treatability studies of the ACES, taking meeting minutes, legal notices, public meetings, and sending articles to news media, if necessary. The Army shall be responsible for Public Involvement activities for all Army Continuing Responsibilities.

2.1.8 Period of Performance

The period of performance for this TSRS is as follows:

Start Date: October 29, 2012.

End Date: September 30, 2032

Any variation or modifications to this TSRS must be made in accordance with Section D.7 and D.21 of the ESCA and in coordination with the Army.

2.1.9 Submittal of Documents and Achievement of Project Schedule

The NeCDRA will be responsible for assuring that the milestones and deliverables referenced in this Section, in conjunction with the monitoring schedule, which is set forth in the VCAA, are met. The Army representative shall be responsible for verifying that milestones are met and shall also be responsible for reviewing and all documents/reports submitted to the Army, in a timely manner to support the milestones.

The NeCDRA shall provide the Army representative with two copies of all documents/reports described in this TSRS, to include but not limited to general monitoring documents, treatability studies, all final decision documents, and proposed amendments to the decision documents and to the VCAA. The Army representative shall have the right to review and provide comments on all the documents/reports listed above.

If the Army has comments or concerns, the Army will notify the NeCDRA, within 15 days, and discuss the concerns and comments and attempt to find mutually agreeable resolution. If a mutually agreeable solution is not reached within 15 working days of the commencement of discussions between the NeCDRA and the Army, the Parties reserve the right to recommend to the Army Grants Officer that the dispute or alternative dispute resolution process, as described in Section D.9 ESCA, be initiated.

The Army representative shall take no more than 13 working days to review and comment on the reports/documents provided by the NeCDRA. In those instances, where several or a few voluminous documents are provided to the Army at the same time, the Army and the NeCDRA shall agree upon a reasonable period in which the Army can review and provide comments back to the NeCDRA. The Army's review of the

documents/reports shall be limited to the following scope:

- To ensure consistency with the ESCA and Deed Notices
- To ensure consistency with the VCAA, RCRA, and any requirements applicable to Non-RCRA environmental services
- To ensure that ESCA funds that have been spent or that will be spent are in compliance with the Scope as defined in Section 2.3 of the ESCA and the Environmental Services as defined in Section 3.13 of the ESCA.

The NeCDRA shall be responsible for completing the following major tasks prior to the ESCA termination:

- Complete all required documentation, investigation, LTM activities in the ACES, as required by the VCAA;
- Forward all Final Reports and, other documentation to fulfill the VCAA or the ESCA for review by the Army Representative, as appropriate,
- Upon completion of the monitoring actions for the ACES pursuant to the VCAA, forward all Final Long Term Monitoring Plans and make any other documentation requested by the Army available for review by the Army Representative; and
- Following the completion of all environmental services pursuant to the VCAA, submit proof that IDEM has granted Acknowledgement of Termination of the VCAA, which shall be considered the equivalent of a No Further Action letter.

The NeCDRA shall submit final decision documents and deliverables as outlined in this Section to the Army for review. The Army Representative shall be responsible for verifying that deliverables are submitted and shall also be responsible for reviewing documents/reports submitted to the Army in a timely manner to support the project schedule, concurrent with regulatory review and schedules. The Army reserves the right

to obtain professional assistance, at its own cost, to review documents and reports that the NeCDRA submits to the Army. In addition, if the Army Representative deems it necessary, the Army Representative may access the ACES for purposes of on-site quality assurance and verification of remediation performance in accordance with the ESCA.

3.0 ADDITIONAL INFORMATION

3.1 Project Progress Reports

The NeCDRA shall prepare and submit semi-annual project progress reports to the Army Representative during the entire period of performance, regardless of whether submission of these reports is required by IDEM, and regardless of whether any substantial activities have occurred at the environmental sites of the ACES. The project progress reports shall address the following topics, as applicable:

- Document technical progress or work completed during the reporting period
- Total ESCA grant funds spent during the reporting period, and grant funds spent to date.
- Depict upcoming work for the next reporting period and the ESCA grant funds needed for the upcoming work.
- Technical or regulatory issues that may impact project schedule.
- When necessary, status of comments submitted by the Army on documents/reports developed by the NeCDRA.
- Needed Notifications in accordance with the ESCA
- Changes to the VCAA
- Summary of public participation activities conducted during the reporting period.

The NeCDRA can modify or adapt those progress reports that may be submitted to IDEM so as to address the topics listed above and satisfy the requirements of both the VCAA and Section B.9 of the ESCA. The NeCDRA will provide one copy of the Project Progress Report to the Army Representative for the Army's distribution to other appropriate parties. The Army reserves the right to request a follow-on conference call to discuss or clarify issues presented in the Progress Report.

3.2 Project Repository

The Army has maintained a project repository of environmental documents at the Installation. In order to ensure consistency with the RCRA VCAA, and other applicable laws and/or regulations, NeCDRA shall continue to maintain a project repository for the ACES environmental services at an easily accessible repository on Newport Chemical Depot of project-related environmental information generated after transfer to the NeCDRA. This repository will contain pertinent documentation for project reviews or justification and to provide a clear record of the approach used to achieve the LTM goals for the environmental sites of the ACES. The Army is responsible for maintenance of the Administrative Record and Information Repository for the Installation, including the technical documentation and records generated for the ACES prior to transfer. After Site Closeout of each parcel, the administrative record maintained at this repository will be provided to the Army representative and will become Army property. The NeCDRA shall provide the Army with the original and an electronic file copy of the documents for its records.

3.3 Conference Calls and Briefings

The NeCDRA shall brief the Army representative on an as-needed basis but in no instance more often than monthly on the status of the monitoring activities at the environmental sites of the ACES or other concerns regarding the Progress Report or other reports developed during the period of performance. Briefings will be conducted by means of conference calls that NeCDRA shall arrange.

3.4 Amendments to the VCAA

The Parties acknowledge that the VCAA may be amended, and the activities performed at the environmental sites of the ACES may ultimately differ from the activities identified in this TSRS. Amendments to the VCAA must be sufficiently protective of human health and the environment, and will comply with requirements of RCRA. The Parties hereby acknowledge and agree that such Amendments are anticipated and acceptable as modifications to this TSRS, provided that NeCDRA complies with the ESCA provisions

requiring notice and consultation with the Army regarding such VCAA modifications/amendments in accordance with Sections, C.3.5, C.4.1.3, and C.4.1.9 of the ESCA and this Section. If these activities or amendments require additional funding to complete, the Parties will negotiate amounts of additional funding required pursuant to the ESCA.

4.0 PERFORMANCE MANAGEMENT

4.1 Place of Performance

The ACES and at NeCDRA offices, located either on-site or off-site at other local sites.

4.2 Privacy and Security

No special clearance is required for this task.

4.3 Contract Management

This section is intentionally left blank.

4.3.1 Quality Assurance/Quality Control and Health and Safety

The NeCDRA shall ensure that appropriate Quality Assurance/Quality Control and health and safety standards and guidelines under applicable law are incorporated into all project activities.

4.3.2 Signatory Authority

The NeCDRA shall prepare and author treatability studies, progress reports, closure reports, and other documents, as required. The Army Representative or designated representative will prepare any other Army-required closure documentation.

5.0 GOVERNMENT FURNISHED RESOURCES

The Army shall provide the following resources to the NeCDRA (if necessary and available):

- Pertinent records, reports, data, analyses, and information in the currently
 available formats (e.g., hardcopy, electronic tape, disks, CDs), to facilitate
 development of a complete and accurate assessment of current, former, and
 historical site activities and operations; waste generation and contaminant
 characteristics; parameters of interest; and site environmental conditions.
- Access to appropriate personnel to conduct interviews on Site Operations and activities.

6.0 ARMY'S CONTINUING RESPONSIBILITIES IN THE ACES

6.1. Ongoing Army Responsibilities

The Army has identified certain ongoing Army responsibilities that will continue after the transfer of the ACES. All Army's Continuing Responsibilities will be addressed in accordance with the terms and conditions in the ESCA and pursuant to the MOA between the Army and IDEM. Activities regarding Army's Continuing Responsibilities will be part of the progress report consultation.

Parcels F	Requiring Long	Table 1 Ferm Monitoring, Inspecti Activities **(See End of Table Foo	ons, Maintenance, and Other
AEDB-R NECD Number	AEDB-R Title	Issue or Site Description	Proposed NeCDRA Actions*
(NAAP-1 and 2)	Night Soil Pits	NECD Land Use Control	VCAA-required no intrusive activities site. Perform LUC sign maintenance. Mow LUC perimeter up to six times a year and inspect once a year.
(NAAP-10 to 12)	Basins 30007, 30008 and 30009	NECD Land Use Control	Implement administrative controls to assure that land use satisfies LUC requirements.
(NAAP-27)	Closed Sanitary Landfill (CSL)	NECD Land Use Control	VCAA-required no intrusive activities site. Perform LUC sign maintenance. Mow LUC perimeter up to six times a year and inspect once a year.
(NAAP-28A)	Memorial Chapel RDX Dump	NECD Land Use Control	VCAA-required no intrusive activities site. Perform LUC sign maintenance. Mow LUC perimeter up to six times a year and inspect once a year.
(NAAP-34 to 36)	Gypsum Sludge Basins	NECD Land Use Control	Implement VCAA-required administrative controls to assure that land use satisfies LUC requirements.
(NAAP-49)	Pollution Control Center Retention Pond (PCCRP)	NECD Land Use Control	Implement VCAA-required administrative controls to assure that land use satisfies LUC requirements.
(NAAP-50)	TNT Burning Ground	NECD Land Use Control	Implement VCAA-required administrative controls to assure that land use satisfies LUC requirements.

(NAAP-51)	Present Sanitary Landfill	NECD Land Use Control	VCAA-required no intrusive activities site. Perform LUC sign maintenance and control access. Soil cap inspection and maintenance, mow perimeter and surface up to six times a year during growing season.
(NAAP-65)	Demilitarized Furnace Incinerator and Scrap Yard Area	NECD Land Use Control	VCAA-required no intrusive activities site. Perform LUC sign maintenance. Mow LUC perimeter up to six times a year and inspect once a year.
(NAAP-67)	Coal Ash Basin (Chemical Plant Coal Ash Basin)	NECD Land Use Control	Implement administrative controls to assure that land use satisfies LUC requirements.
(NAAP-69)	Asbestos Burial Areas West and North of Building 401-A	NECD Land Use Control	No intrusive activities site. Install LUC signs and maintain. Devegetate site and mow LUC perimeter up to six times a year and inspect once a year. Install two soil borings north of 401A and analyze for constituents of concern (SVOCs, VOCs, PCBs, metals).
	Asbestos Burial Areas East of the Memorial Chapel Dump	NECD Land Use Control	VCAA-required no intrusive activities site. Install LUC signs and maintain. Mow LUC perimeter up to six times a year and inspect once a year.
	Asbestos Area West of the Sewage Treatment Plant	NECD Land Use Control	VCAA-required no intrusive activities site. Perform LUC Maintenance. Install LUC signs and maintain. Mow LUC perimeter up to six times a year and inspect once a year. Devegetate site.
	Cemeteries	Memorial Chapel Cemetery: 4.8 acres	Install Cemetery signs and maintain (required by Programmatic Agreement). Mow and weed whip cemetery area up to six times a year and inspect once a year.
NAAP-001	RDX Manufacturing Area (RDX-MA)	The RDX-MA comprises approximately 275 acres and is in the north-central portion of NECD where RDX was produced.	VCAA-required Annual Long Term Monitoring (two wells and two surface water locations for RDX using EPA method 8330). Groundwater will also be monitored for pH, specific conductance and temperature. Perform asbestos debris removal. Implement administrative controls to assure that land use satisfies LUC requirements.

NAAP-022	Decontaminated Waste Burial Ground (DWBG)	The DWBG is on approximately 23 acres south of Little Raccoon Creek in the eastern portion of NECD and approximately 0.25 miles south of the Chemical Plant.	VCAA-required Semi-annual Long Term Monitoring (four wells and three surface water locations for VOCs using EPA method 8260). Semi-annual soil cap inspection and maintenance. Control site access, mow LUC perimeter and surface up to six times a year, and maintain LUC signs.
NAAP-028	Construction Debris Dump (CDD)	The CDD is on approximately 4.2 acres east of Little Raccoon Creek in the eastern portion of NECD.	VCAA-required Semi-annual soil cap inspection and maintenance. Control site access, mow LUC perimeter and surface up to six times a year, and maintain LUC signs. Repair cap and riprap as needed.
Sitewide		l 14 unused groundwater monitoring wells	VCAA-required closure of groundwater monitoring wells in accordance with Indiana Department of Natural Resources regulations as 312 IAC 13-10-2.
Environmental Restrictive Covenants		Record environmental restrictive covenants	VCAA-required recording of Land Use Control restrictions as Environmental Restrictive Covenants consistent with IC 13-25-4-24.
NAAP-37 and 38	TNT Production Lines Northeast Corner of TNT MA	NECD Land Use Control	Implement VCAA-required administrative controls to assure that land use satisfies LUC requirements.
	Little Raccoon Creek Bank Along DWBG	NECD Land Use Control	VCAA-required no intrusive activities site. Install LUC signs and perform LUC sign maintenance. Mow LUC perimeter up to six times a year and inspect once a year.
	Asbestos Burial Area East of the Pine Trees and West of 1st Street	NECD Land Use Control	No intrusive activities site. Install LUC signs and perform LUC sign maintenance. Devegetate site and mow LUC perimeter up to six times a year and inspect once a year.
	Small Arms Range	NECD Land Use Control	Implement administrative controls to assure that land use satisfies LUC requirements.
	Building 716A Vehicle Maintenance Shop	NECD Land Use Control	Implement VCAA-required administrative controls to assure that land use satisfies LUC requirements.

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Building 726C Pesticide Storage Building	NECD Land Use Control	Implement VCAA-required administrative controls to assure that land use satisfies LUC requirements.
Building 401 A Coal Ash Basin	NECD Land Use Control	Implement administrative controls to assure that land use satisfies LUC requirements.
Chemical Plant FPF and NECDF Property	NECD Land Use Control	Implement VCAA-required administrative controls to assure that land use satisfies LUC requirements.

^{*} These actions may be modified with IDEM approval.

1)Closure of Gypsum Sludge Basins and land use control requirements will be completed under a modification to the ESCA

²⁾Removal of petroleum product and land use requirements will be completed under a modification to the ESCA.

Exhibit A Documentation for RCRA Permitted Parcels

- 1. RCRA Voluntary Corrective Action Agreement, executed on May 7, 2012.
- 2. NECD LTM Work Plan, approved by IDEM on May 7, 2012.
- 3. 2010-2011 LTM Technical Memorandum and LTM Exit Strategy, approved by IDEM on May 7, 2012.
- 4. IDEM NFA letter dated January 9, 2004.
- 5. IDEM NFA letter dated June26, 2003.
- 6. SAIC. 2004d. NFA Memorandum, Final. Newport Chemical Depot, Newport, Indiana. June, 2004.
- SAIC. 2005c. Construction Debris Dump Corrective Measure Implementation Completion Report, Draft Final. Newport Chemical Depot, Newport, Indiana. March, 2005.
- 8. LUC Maintenance Plan dated August, 2005.
- 9. Appendix J of RCRA Permit (or equivalent demonstrating NFA status of sites without NFA letters).

-- END of TSRS --

	Top Casting Elevation									!								647.24	645.23	646.57	644.15	643.02	644.20	635.82	645.44	646.65	643.92			
	Top Pipe Elevation																	647.08	645.00	646.36	643.96	642.85	644.03	635.64	645.21	646.58	643.67			
	Date Removed	To Re Removed	To De Demoused	To Be Removed	To Bc Removed	To Be Removed	To Be Removed																							
ved	Ground Elevation	(FT) 620 90	507.20	644.00	646.00	650.30	652.90	647.90	643.00	639.20	627.30	629.10	644.60	641.30	644.50	646.20	647.10	643.92	642.36	643.57	640.92	640.67	641.00	632.55	642.33	643.70	640.83	622.51	603.16	609.62
Table 2 List of Wells to Be Removed	Easting (Nad83)	2857202.21	2066401 02	2857479.64	2857730.98	2858264.28	2859117.76	2859092.38	2858413.83	2857857.04	2857418.35	2857059.74	2857944.18	2857272.23	2857661.81	2858210.08	2857854.29	2857744.63	2857619.18	2857545.87	2857366.36	2857364.66	2857419.64	2857374.48	2857556.48	2858318.39	2858221.69	2857620.329	2857045.572	2857494.261
List of \	Northing (Nad83)	1677546 60	05.0502101	1676482.51	1677003.58	1677006.08	1677080.56	1676137.21	19.7065791	1675617.48	1675349.51	1675650.13	1676557.06	1676403.81	1676726.18	1676842.81	1677184.69	1676365.71	1676116.96	1676248.25	1676003.32	1675830.15	1675707.53	1675539.95	1675823.68	1675565.91	1675479.95	1673724.115	1673245.575	1673190.025
	East (Nad27)	404 544 30	402 224 00	404 731 78	404,983.12	405,516.42	406,369.90	406,344.53	405,665.98	405,109.19	404,670.50	404,311.89	405,196.32	404,524.37	404,913.95	405,462.22	405,106.42													
	North (Nad27)	057 207 10	02,207,10	856 243 00	856,764.06	856,766.55	856,841.01	855,897.68	855,668.10	855,377.98	855,110.03	855,410.65	856,317.54	856,164.31	856,486.66	856,603.28	856,945.16													
	Location	10 000	200-01	CPD-02	CP-02	CP-03	CP-04	CP-05	CP-06	CP-07	CP-08	CP-09	CP-10	CP-11	CP-12	CP-13	CP-14	CP-15	CP-16	CP-17	CP-18	CP-19	CP-20	CP-21	CP-22	CP-23	CP-24	CSL-01	CSL-02	CSL-03

	Top Casting Elevation																											
	Top Pipe Elevation																											
	Date Removed	To Be Removed	To Be Removed	To Be Removed	To Be Removed	To Be Removed	To Be Removed	To Be Removed	LTM-To Be Removed	To Be Removed	To Be Removed	To Be Removed	To Be Removed	LTM-To Be	Melloved 1 ms cm n	LTM-To Be	LTM-To Be	To Be Removed										
	Ground Elevation (Ft)	622.45	86.109	608.97	604.54	597.98	641.00	629.60	619.50	626.90	628.60	636.80	618.20	612.10	000	609.70	617.10		632.86	609.94	618.58	612.67	612.60	616.10	630.51			
Table 2	Easting (Nad83)	2857695.665	2857063.397	2857377.956	2857286.861	2857014.241	2857908.22	2857509.02	2857118.69	2857292.41	2857597.82	2857725.10	2857055.25	2856868.59	0000000	2856829.10	2857029.23		2848960.85	2854672.192	2851381.898	2851154.179	2852051.27	2853057.25	2854406.511			
70 10	Northing (Nad83)	1673339.178	1673045.639	1673314.06	1672992.977	1672973.91	1674998.36	1674520.69	1674659.77	1674914.20	1675232.26	1674727.01	1674818.16	1674747.07	72 000 127	1674499.56	1674582.61		1671204.02	1675902.572	1676788.551	1678802.166	1679446.10	1679497.88	1680075.602			
	East (Nad27)						405,160.38	404,761.18	404,370.85	404,544.57	404,849.97	404,977.26	404,307.40	404,120.74	70100101	404,081.26	404,281.39		396,213.00				399,303.35	400,309.34				
	North (Nad27)						854,758.88	854,281.23	854,420.31	854,674.73	854,992.78	854,487.54	854,578.70	854,507.61		854,260.11	854,343.15		850,964.79				859,206.62	859,258.38		Acid Area	Acid Area	Acid Area
	Location	CSL-04	CSL-05	CSL-06	CSL-07	CST-08	WBA-01	WBA-02	WBA-03	WBA-04	WBA-05	WBA-06	WBA-07	WBA-08	20 7 200	WBA-09	WBA-10	WBA-11	GS-07	RMA-01	RMA-02	RMA-03	RMA-04	RMA-05	RMA-06	RMA-07	RMA-08	RMA-09

East (Nad27)			 	l ict of	Table 2	pen			
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859,733.98 399,487.06 1679973.47 2852234.98 606.50 859,448.64 400,301.92 1679688.14 2853049.83 613.90 859,434.35 400,467.04 1679673.85 2853214.95 615.20 856,614.98 400,622.29 1676834.42 2853370.17 615.20 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1670434.84 2853315.90 612.70 856,195.41 400,568.02 1670434.84 2842372.382 629.92 850,126.29 392,373.90 1682159.175 2842390.659 628.58 850,126.29 392,400.38 1670104.09 2845583.24 626.90 849,460.02 392,828.50 1669703.55 2845576.35 620.90 849,460.02 392,426.29 1669703.57 2845576.35 620.90 849,4	RMA-19	Acid Area					To Be Removed		
859,448.64 400,301.92 1679688.14 2853049.83 613.90 859,434.35 400,467.04 1679673.85 2853214.95 615.90 856,614.98 400,622.29 1676854.42 2853370.17 615.20 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 850,126.29 1682159.175 2842404.586 628.71 850,126.29 1670365.43 2842390.659 628.58 850,126.29 167040.38 1670104.09 2845583.24 626.90 849,440.02 392,828.50 1669679.16 2845583.24 620.90 849,440.02 392,828.50 1669703.55 2845174.14 621.20 849,648.30 392,426.29 167009	RMA-20	859,733.98	399,487.06	1679973.47	2852234.98	906.50	To Be Removed		
859,434.35 400,467.04 1679673.85 2853214.95 615.90 856,614.98 400,622.29 1676824.42 2853370.17 615.20 856,195.41 400,568.02 1676826.27 2853665.40 616.40 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 850,126.29 1682369.376 2842404.38 628.71 850,126.29 1670365.43 2842572.382 629.92 849,864.94 392,835.38 1670104.09 2845583.24 626.90 849,464.42 392,828.50 1669679.16 2845583.24 620.90 849,464.42 392,426.29 1669703.55 2845174.14 621.20 849,568.108 392,426.29 1670090.22 2845174.15 621.20 849,628.3 1669679.17 284529	RMA-21	859,448.64	400,301.92	1679688.14	2853049.83	613.90	To Be Removed		
856,614.98 400,622.29 1676826.27 2853370.17 615.20 856,586.82 400,917.52 1676826.27 2853365.40 616.40 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 850,126.29 1682369.376 2842404.586 628.71 850,126.29 1682159.175 2842300.659 628.58 850,126.29 392,373.90 1670365.43 2845121.76 626.90 849,864.94 392,835.38 1670104.09 2845583.24 626.90 849,464.42 392,828.50 1669679.16 2845576.35 620.90 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,628.33 1670090.22 2845174.15 621.20 849,628.33 192,426.29 1669080.22 2845174.15 620.40	RMA-22	859,434.35	400,467.04	1679673.85	2853214.95	615.90	To Be Removed		
856,586.82 400,917.52 1676826.27 2853315.90 616.40 856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 850,126.29 1682369.376 2842404.586 628.71 850,126.29 1682159.175 2842390.659 629.92 850,126.29 392,373.90 1670365.43 2842390.659 628.58 850,368.34 392,040.38 1670104.09 2845583.24 626.90 849,464.42 392,828.50 1669679.16 2845576.35 620.90 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,628.83 392,426.29 1670090.22 2845174.15 620.90 849,628.83 392,426.29 1669703.55 2845174.15 620.90 849,628.83 392,426.29 1670090.22 2845174.15 620.40	RMA-23	856,614.98	400,622.29	1676854.42	2853370.17	615.20	To Be Removed		
856,195.41 400,568.02 1676434.84 2853315.90 612.70 856,195.41 400,568.02 1676434.84 2853315.90 612.70 850,126.29 1682369.376 2842404.586 628.71 850,126.29 392,373.90 1670365.43 2842390.659 628.58 850,126.29 392,373.90 1670365.43 2844788.24 626.90 849,864.94 392,828.50 1669679.16 2845583.24 620.90 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,651.08 392,426.29 1670090.22 2845174.14 623.40 849,628.83 392,426.29 1669703.55 2845174.14 621.20 849,628.83 392,426.29 1669703.55 2845174.15 620.90 849,628.83 392,426.29 1669080.22 2845174.15 620.90 849,628.83 392,426.29 1670090.22 2845174.15 620.40	RMA-24	856,586.82	400,917.52	1676826.27	2853665.40	616.40	To Be Removed		
850,126.29 392,373.90 1670365.43 2842404.586 628.71 1682090.697 2842572.382 629.92 1682090.697 2842390.659 628.58 850,368.34 392,040.38 1670104.09 2845583.24 620.90 849,460.02 392,828.50 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,426.29 1669867.97 2845295.28 620.40	RMA-25	856,195.41	400,568.02	1676434.84	2853315.90	612.70	LTM-To Be		
1682369.376 2842404.586 628.71 1682159.175 2842572.382 629.92 1682090.697 2842390.659 628.58 620,126.29 392,373.90 1670365.43 2845121.76 626.10 850,368.34 392,040.38 1670104.09 2845583.24 620.90 849,460.02 392,825.39 1669703.55 2845174.14 623.40 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,426.29 1669867.97 2845295.28 620.40							Removed		
1682369.376 2842404.586 628.71 1682369.376 2842572.382 629.92 1682090.697 2842390.659 628.58 620,126.29 392,373.90 1670365.43 2845121.76 626.10 626.10 626,368.34 392,040.38 1670607.48 2845821.76 626.90 626,40 392,835.38 1670104.09 2845583.24 623.00 626,40 392,828.50 1669703.55 2845174.14 623.40 623,40 620,2	NSP-11						To Be Removed		
1682369.376 2842404.586 628.71 1682159.175 2842572.382 629.92 1682090.697 2842372.382 629.92 1682090.697 2842390.659 628.58 850,126.29 392,373.90 1670365.43 2845121.76 626.10 849,864.94 392,835.38 1670104.09 2845583.24 625.00 849,460.02 392,828.50 1669679.16 2845576.35 620.90 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,424.33 1669867.97 2845295.28 620.40	NSP-12						То Ве Кетоvеd		
1682369.376 2842404.586 628.71 1682159.175 2842572.382 629.92 1682090.697 2842390.659 628.58 850,126.29 392,373.90 1670365.43 2845121.76 626.10 849,864.94 392,835.38 1670104.09 284583.24 626.90 849,440.02 392,828.50 1669679.16 2845576.35 620.90 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,547.43 1669867.97 2845295.28 620.40	NSP-13						To Be Removed		
850,126.29 392,373.90 1682159.175 2842572.382 629.92 850,126.29 392,373.90 1670365.43 2845121.76 628.58 850,368.34 392,040.38 1670607.48 2844788.24 626.90 849,864.94 392,835.38 1670104.09 2845583.24 620.90 849,464.02 392,426.29 1669703.55 2845576.35 620.90 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,547.43 1669867.97 2845174.15 620.40	NSP-01			1682369.376	2842404.586	628.71	To Be Removed		
850,126.29 392,373.90 1670365.43 2842130.659 628.58 850,126.29 392,373.90 1670365.43 2845121.76 626.10 850,368.34 392,040.38 1670607.48 2844788.24 626.90 849,864.94 392,835.38 1670104.09 2845583.24 623.00 849,440.02 392,828.50 1669703.55 2845576.35 620.90 849,464.42 392,426.29 1670090.22 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,547.43 1669867.97 2845295.28 620.40	NSP-02		-	1682159.175	2842572.382	629.92	To Be Removed		
850,126.29 392,373.90 1670365.43 2845121.76 626.10 850,368.34 392,040.38 1670607.48 2844788.24 626.90 849,864.94 392,835.38 1670104.09 2845583.24 620.90 849,440.02 392,828.50 1669703.55 2845576.35 620.90 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,547.43 1669867.97 2845295.28 620.40	NSP-03			1682090.697	2842390.659	628.58	To Be Removed		
850,368.34 392,040.38 1670607.48 2844788.24 626.90 849,864.94 392,835.38 1670104.09 2845583.24 623.00 849,440.02 392,828.50 1669679.16 2845576.35 620.90 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,547.43 1669867.97 2845295.28 620.40	BG-03	850,126.29	392,373.90	1670365.43	2845121.76	626.10	To Be Removed		
849,864,94 392,835,38 1670104,09 2845583,24 623,00 849,440,02 392,828,50 1669679,16 2845576,35 620,90 849,464,42 392,426,29 1669703,55 2845174,14 623,40 849,851,08 392,426,29 1670090,22 2845174,15 621,20 849,628,83 392,547,43 1669867,97 2845295,28 620,40	BG-04	850,368.34	392,040.38	1670607.48	2844788.24	626.90	To Be Removed		
849,440.02 392,828.50 1669679.16 2845576.35 620.90 849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,547.43 1669867.97 2845295.28 620.40	90-DE	849,864.94	392,835.38	1670104.09	2845583.24	623.00	To Be Removed		
849,464.42 392,426.29 1669703.55 2845174.14 623.40 849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,547.43 1669867.97 2845295.28 620.40	BG-07	849,440.02	392,828.50	1669679.16	2845576.35	620.90	To Be Removed		
849,851.08 392,426.29 1670090.22 2845174.15 621.20 849,628.83 392,547.43 1669867.97 2845295.28 620.40	BG-08	849,464.42	392,426.29	1669703.55	2845174.14	623.40	To Be Removed		
849,628.83 392,547.43 1669867.97 2845295.28 620.40	BG-09	849,851.08	392,426.29	1670090.22	2845174.15	621.20	To Be Removed		
	BG-10	849,628.83	392,547.43	1669867.97	2845295.28	620.40	To Be Removed		

North East (Nad27)				List of A	Table 2 List of Wells to Be Removed	ved			
850,12.24 392,052.57 1670451.38 2844860.43 626.60 850,12.24 392,229.10 1670357.43 2844976.96 626.70 850,124.76 392,526.83 1670363.91 2844976.96 626.70 850,124.76 392,526.83 1670364.25 2845419.24 626.50 850,125.10 392,526.42 1670608.69 284519.24 626.50 850,265.25 392,446.75 1670608.69 2845196.13 626.80 850,150.49 392,446.75 1670504.40 2845196.13 626.80 850,150.49 392,448.27 1670389.64 2845196.13 626.80 849,952.34 392,448.27 1670191.48 2845196.13 626.80 849,952.34 391,967.34 1670235.00 2845189.86 623.10 Manufacturing Area Manufacturing Area Manufacturing Area Manufacturing Area 1670656+06 2.85795e+06 647.77 Manufacturing Area 1.67658e+06 2.85795e+06 647.77 1.67677e+06 2.85795e+06 647.77 Manufacturing	Ē	North (Nad27)	East (Nad27)	Northing (Nad83)	Easting (Nad83)	Ground Elevation (Ft)	Date Removed	Top Pipe Elevation	Top Casting Elevation
850,118.29 392,229.10 1670357,43 2844976.96 626.70 850,124.76 392,526.83 1670363.91 2845274.69 626.20 850,124.76 392,526.83 1670364.25 2845419.24 626.20 850,125.10 392,526.42 1670608.69 284519.24 626.50 850,265.25 392,446.75 1670504.40 2845194.61 627.70 850,150.49 392,448.27 1670389.64 2845196.13 628.00 850,150.49 392,448.27 1670389.64 2845196.13 626.80 849,91.32 392,284.63 1670131.48 2845196.13 626.80 849,958.68 392,427.00 1670191.48 2845189.86 623.10 849,856.88 392,427.42 1670036.02 2845175.28 621.40 Manufacturing Area Manufacturing Area 1670656.60 2.85795c+06 647.77 Manufacturing Area 1.67668e+06 2.85795c+06 647.77 1.67677e+06 2.85795c+06 647.77 1.67677e+06 2.85796e+06 647.28 1.	_	850,212.24	392,052.57	1670451.38	2844800.43	626.60	To Be Removed		
850,124,76 392,526.83 1670363.91 2845274.69 626.20 850,125.10 392,671.38 1670364.25 2845419.24 626.50 850,369.54 392,46.75 1670608.69 2845003.28 628.00 850,265.25 392,446.75 1670304.40 2845196.13 626.80 850,150.49 392,448.27 1670389.64 2845196.13 626.80 849,912.32 392,234.63 1670131.46 2845032.49 623.60 849,995.86 392,284.63 1670131.48 2845189.86 623.10 849,995.83 392,442.00 1670191.48 2845189.86 621.40 849,446.83 392,437.42 1670355.07 2845175.28 621.40 Manufacturing Area Manufacturing Area 16706585.97 2845581.73 621.00 Manufacturing Area 1.67665e+06 2.85801e+06 647.77 1.67672e+06 2.85891e+06 647.77 Manufacturing Area 1.67677e+06 2.8589e+06 648.13 1.67677e+06 2.8589e+06 648.13	2	850,118.29	392,229.10	1670357.43	2844976.96	626.70	To Be Removed		
850,125.10 392,671.38 1670364.25 2845419.24 626.50 850,369.54 392,255.42 1670608.69 2845003.28 628.00 850,265.25 392,446.75 1670504.40 2845196.13 628.00 850,150.49 392,448.27 1670389.64 2845196.13 628.00 849,912.32 392,298.10 1670151.46 2845045.96 623.60 849,995.86 392,284.63 1670235.00 2845032.49 625.50 849,952.34 392,442.00 1670191.48 2845189.86 623.10 849,955.88 392,427.42 1670353.57 2845182.89 621.40 Manufacturing Area Manufacturing Area 1669685.97 2845181.73 621.00 Manufacturing Area 1.67665e+06 2.85801e+06 647.77 Manufacturing Area 1.67665e+06 2.85891e+06 647.28 1.67675e+06 2.85891e+06 647.28 1.67677e+06 2.85896+06 648.13 1.67677e+06 2.85896+06 648.13	3	850,124.76	392,526.83	1670363.91	2845274.69	626.20	To Be Removed		
850,369,54 392,255,42 1670608.69 2845003.28 628.00 850,265,25 392,446,75 1670504.40 2845194.61 627.70 850,150.49 392,448.27 1670389.64 2845196.13 626.80 849,912.32 392,298.10 1670151.46 2845045.96 623.60 849,952.34 392,442.00 1670191.48 2845189.86 623.10 849,952.34 391,967.34 1670235.00 2845189.86 623.10 849,856.88 392,427.42 1670096.02 2845175.28 621.40 849,856.88 392,427.42 1670696.92 2845175.28 621.40 Manufacturing Area Manufacturing Area 1670658e+06 2.85801e+06 647.77 Manufacturing Area 1.67665e+06 2.85795e+06 647.28 1.67672e+06 2.85795e+06 647.28 1.67679e+06 2.85795e+06 647.28 1.67679e+06 2.85795e+06 647.28 1.67679e+06 2.85796e+06 647.28	4	850,125.10	392,671.38	1670364.25	2845419.24	626.50	To Be Removed		
850,265.25 392,446.75 1670504.40 2845194.61 627.70 850,150.49 392,448.27 1670389.64 2845196.13 626.80 849,912.32 392,284.63 1670151.46 2845045.96 623.60 849,952.34 392,284.63 1670235.00 2845032.49 625.50 849,952.34 392,420.00 1670191.48 2845189.86 623.10 849,856.88 392,427.42 1670096.02 2845175.28 621.40 849,856.88 392,427.42 1670096.02 284581.73 621.00 Manufacturing Area Manufacturing Area Manufacturing Area 1.67665e+06 2.85801e+06 647.77 1.67652e+06 2.85802e+06 647.28 1.67675e+06 2.85795e+06 647.28 1.67679e+06 2.85795e+06 647.28 1.67679e+06 2.85795e+06 647.28 1.67679e+06 2.85801e+06 2.85795e+06 647.28 1.67679e+06 2.85801e+06 647.28	5	850,369.54	392,255.42	1670608.69	2845003.28	628.00	To Be Removed		
850,150.49 392,448.27 1670389.64 2845196.13 626.80 849,912.32 392,298.10 1670151.46 2845032.49 625.50 849,952.34 392,284.63 1670235.00 2845032.49 625.50 849,952.34 392,427.02 1670191.48 2845032.49 625.50 849,856.88 392,427.42 1670036.02 2845015.28 623.10 849,856.88 392,427.42 1670096.02 2845175.28 621.40 849,856.88 392,427.42 1669685.97 28458173 621.00 Manufacturing Area Manufacturing Area 1.67665e+06 2.85801e+06 647.77 Manufacturing Area 1.67672e+06 2.85802e+06 647.28 1.67675e+06 2.85802e+06 647.28 1.67675e+06 2.85795e+06 648.13 1.67679e+06 2.85796e+06 648.13 1.67679e+06 2.85796e+06 648.13	9	850,265.25	392,446.75	1670504.40	2845194.61	627.70	To Be Removed		
849,912.32 392,298.10 1670151.46 2845045.96 623.60 849,995.86 392,284.63 1670235.00 2845032.49 625.50 849,952.34 392,442.00 1670191.48 2845189.86 623.10 850,084.43 391,967.34 1670323.57 2845175.20 624.80 849,856.88 392,427.42 1670096.02 2845175.28 621.40 Manufacturing Area Manufacturing Area Manufacturing Area 1.67665e+06 2.85801e+06 647.77 Manufacturing Area 1.6765e+06 2.85802e+06 647.28 7 1.67672c+06 2.85802e+06 647.77 648.13 7 1.67675e+06 2.85795e+06 648.13 7 1.67679e+06 2.85796e+06 648.13 7 1.67679e+06 2.85796e+06 648.13 7 1.6768e+06 2.85796e+06 648.13 7	17	850,150.49	392,448.27	1670389.64	2845196.13	626.80	To Be Removed		
849,958.86 392,284.63 1670235.00 2845032.49 625.50 849,952.34 392,442.00 1670191.48 2845189.86 623.10 850,084.43 391,967.34 1670323.57 2845175.20 624.80 849,856.88 392,427.42 1670096.02 2845175.28 621.40 Manufacturing Area Manufacturing Area 621.00 647.77 Manufacturing Area 1.67665e+06 2.85801e+06 647.77 Manufacturing Area 1.67665e+06 2.85802e+06 647.77 Manufacturing Area 1.67665e+06 2.85795e+06 647.28 1.67677e+06 2.85795e+06 647.28 1.67677e+06 2.85891e+06 648.13 1.67677e+06 2.85795e+06 648.13 1.67679e+06 2.85795e+06 647.28 1.67679e+06 2.85795e+06 648.13	8	849,912.32	392,298.10	1670151.46	2845045.96	623.60	To Be Removed		
849,952.34 392,442.00 1670191.48 2845189.86 623.10 850,084.43 391,967.34 1670323.57 2844715.20 624.80 849,856.88 392,427.42 1670096.02 2845175.28 621.40 849,446.83 392,427.42 1669685.97 2845581.73 621.00 Manufacturing Area Manufacturing Area 1.67665e+06 2.85801e+06 647.77 Manufacturing Area 1.67665e+06 2.85801e+06 647.77 Incompanies 1.67672e+06 2.85795e+06 647.37 Incompanies 1.67677e+06 2.85795e+06 648.13 Incompanies 1.67677e+06 2.85795e+06 648.13 Incompanies 1.67679e+06 2.85796e+06 647.28	61	849,995.86	392,284.63	1670235.00	2845032.49	625.50	To Be Removed		
850,084.43 391,967.34 1670323.57 2844715.20 624.80 849,856.88 392,427.42 1670096.02 2845175.28 621.40 849,446.83 392,833.88 1669685.97 2845581.73 621.40 Manufacturing Area Manufacturing Area 1.67665e+06 2.85801e+06 647.77 Manufacturing Area 1.67665e+06 2.85795e+06 647.37 Manufacturing Area 1.67672e+06 2.85795e+06 647.37 Manufacturing Area 1.67672e+06 2.85795e+06 647.28 1.67675e+06 2.85795e+06 647.28 1.67677e+06 2.85796e+06 648.13 1.67679e+06 2.85796e+06 647.28 1.67679e+06 2.85796e+06 647.28	20	849,952.34	392,442.00	1670191.48	2845189.86	623.10	To Be Removed		
849,856.88 392,427.42 1670096.02 2845581.73 621.40 849,446.83 392,833.88 1669685.97 2845581.73 621.00 Manufacturing Area Manufacturing Area 1.67665e+06 2.85801e+06 647.77	21	850,084.43	391,967.34	1670323.57	2844715.20	624.80	To Be Removed		
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Manufacturing Area Manufacturing Area Aca	23	849,446.83	392,833.88	1669685.97	2845581.73	621.00	To Be Removed		
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1.67665e+06 2.85801e+06 647.77 1.67672c+06 2.85795c+06 647.37 1.67672c+06 2.85802e+06 647.28 1.67677e+06 2.85795e+06 647.28 1.67677e+06 2.85795e+06 648.13 1.67679e+06 2.85796e+06 648.13 1.67682e+06 2.85891e+06 648.13	4	Manufacturing	, Area				To Be Removed		
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1.67677e+06 2.858e+06 648.13 1.67679e+06 2.85796e+06 647.28 1.67682e+06 2.85801e+06 648.13	406-			1.67675e+06	2.85795e+06	647.28	To Be Removed		:
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1.67682e+06 2.85801e+06 648.13	4U6-			1.67679e+06	2.85796e+06	647.28	To Be Removed		
	SMU7-			1.67682e+06	2.85801e+06	648.13	To Be Removed		

	_							_		_				
		Top Casting	Elevation											
		Top Pipe	Elevation											
		Date Removed			To Be Removed		To Be Removed		To Be Removed		To Be Removed		To Be Removed	To Be Removed
	ved	Ground	Elevation	(Ft)	647.28		648.42		648.75		636.71		639.63	629.3
Table 2	List of Wells to Be Removed	Easting	(Nad83)		2.85796c+06		2.85795e+06		2.85801c+06		2.85759e+06		2.84896c+06	2.85449e+06
	List of	Northing	(Nad83)		1.67684e+06		1.67685c+06		1.67686e+06		1.67563c+06		1.67065e+06	1,67751e+06
:		East (Nad27)	,											
		North	(Nad27)											
		Location			GW-SMU6-	02	-9NWS-MD	10	GW-SMU7-	01	GW-CPRB-	01	GS-20T	RMA-17

VERM-12

OP ID: JH

7	CERT	IFI	CATE OF	LIABIL	LITY INS	SURA	NCE		MM/DD/YYYY)
E	HIS CERTIFICATE IS ISSUED AS A ERTIFICATE DOES NOT AFFIRMAT ELOW. THIS CERTIFICATE OF IN: EPRESENTATIVE OR PRODUCER, A	IVEL SURA	Y OR NEGATIVEL NCE DOES NOT	Y AMEND, EX CONSTITUTE A	TEND OR ALT	ER THE CO	VERAGE AFFORDED E	TE HOI	E POLICIES
t	MPORTANT: If the certificate holder ne terms and conditions of the policy ertificate holder in lieu of such endor	, cerl	ain policies may r	URED, the poli equire an endo	cy(les) must be rsement. A sta	e endorsed. tement on ti	If SUBROGATION IS Was certificate does not c	AIVED onfer i	, subject to lights to the
PRO	DUCER	301110	_1.7	2-232-0441 CO	NTACT ME:				
	rest Sherer, Inc. Box 900			DAG BOOK PHI	INF		FAX (A/C, No):		
Ter	re Haute, IN 47808-0900 ld W. Marietta			E-M	No Exit		TAIC, HOJ.		
Dai	id vv. manetta					URER(S) AFFOR	DING COVERAGE		NAIC #
				INS	URER A : Centra				
INS	Vermillion Rise Mega Pa 259 Vine St.	rk		INS	URER 8 Liberty	Mutual			
	Clinton, IN 47842			INS	URER C	ALTERNATION OF			
				INS	URER D :				or reserved
				-	URER E :				
00	VERAGES CER	TIE	CATE NUMBER:	INS	URER F :		DEL MAIAN MILLER		
II C	VERGES VERGES HIS IS TO CERTIFY THAT THE POLICIES IDICATED NOTWITHSTANDING ANY R ERTIFICATE MAY BE ISSUED OR MAY XCLUSIONS AND CONDITIONS OF SUCH	OF EQUIP PERT POLI	INSURANCE LISTED REMENT, TERM OR TAIN, THE INSURAN CIES. LIMITS SHOW	CONDITION OF .	ANY CONTRACT BY THE POLICIE IN REDUCED BY	OR OTHER	DOCUMENT WITH RESPE	OT TO	WHICH THIS
INSR LTR	TYPE OF INSURANCE	INSR	SUBR POLIC	Y NUMBER	POLICY EFF	POLICY EXP (MM/DD/YYYY)	LIMIT	s	
Α	X COMMERCIAL GENERAL LIABILITY		CLP9573022		10/04/12	10/04/13	EACH OCCURRENCE DAMAGE TO REHTED PREMISES (Ea occurrence)	s	2,000,000 100,000
	CLAIMS-MADE X OCCUR						MED EXP (Any one person)	5	5,000
							PERSONAL & ADV INJURY	\$	2,000,000
						ļ	GENERAL AGGREGATE	3	2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER						PRODUCTS - COMP/OP AGG	S	2,000,000
	POLICY PRO- LOC AUTOMOBILE LIABILITY	-					COMBINED SINGLE LIMIT	5	
Α	**		BAP9573021		40/04/40	40/04/40	(Ea accident)	3	1,000,000
^	ALL OWNED SCHEDULED		DAP33/3021		10/04/12	10/04/13	BODILY INJURY (Per person)	S	
	X HIRED AUTOS X NON-OW-IED AUTOS						PROPERTY DAMAGE	s	
	AUTOS AUTOS	i					(Per acodent)	5	
	UNBRELLA LIAB OCCUR	İ			i		EACH OCCUPRENCE	s	
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	s	
	DED RETENTIONS							5	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					i	X WC STATU- OTH-		
В	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A	WC534S5343	28012	08/09/12	08/09/13	E L EACH ACCIDENT	S	100,000
	(Mandatory is NH)	1			7		E L. DISEASE - EA EMPLOYEE	S	100,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	<u> </u>			31		E.L. DISEASE - POLICY LIMIT	\$	500,000
DES	CRIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES (/	Attach ACORD 101, Addit	ional Remarks Schee	dute, if more space is	required)			
-									
CE	RTIFICATE HOLDER			CA	NCELLATION				
	US Army 3000 S. State Road 63 Hillsdale, IN 47854			1		N DATE TH	ESCRIBED POLICIES BE C EREOF, NOTICE WILL E CY PROVISIONS.		
	i misuale, IR 4/ 004			AU1	HORIZED REPRESE				
				1	John Ju	Len			
					V				

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NEWPORT CHEMICAL DEPOT REUSE AUTHORITY

DUNS: 828714019 CAGE Code: 58QW8

Status: Active

259 VINE ST CLINTON, IN, 478-12-7160, UNITED STATES

Entity Record

Entity Record

Please see below for the entire Entity Registration record. If you would like have a copy of this list please use the Print button to print the list or Save button to save the list as either PDF or a text file.

PRINT

DUNS Number: D&B Legal Business Name Doing Business As:

828714019 NEWPORT CHEMICAL DEPOT REUSE AUTHORITY (none)

Core Data

[Expand All] | [Collapse All]

Business & TIN Information:

Business Information:

05/01/2008 12/31

Business Triformation:
Business Start Date:
Fiscal Year End Close Date:
Company Division Name:
Company Division Number:
Corporate URL:
Congressional District:
Registration Date:
Expiration Date:
Renewal Date:
Physical Address:

11/06/2008 10/08/2013

Physical Address:

Address Line: City! State/Province: Country: ZIP/Postal Code:

259 VINE ST CLINTON

IN UNITED STATES 47842 • 7160

Mailing Address:

259 VINE STREET

Address Line: City; State/Province; Country; ZIP/Postal Code;

CLINTON IN UNITED STATES 47842 - 7160

CAGE/NCAGECode

56QW8

CAGE General Information

Country of Incorporation: State of Incorporation:

Business Types

For more information on an entity's socio-economic status please see SBA's Dy namic Small Business Search.

Government Type

Local Government Owned

U.S. Local Government

Entity Structure

U.S. Government Entity

Entity Type

US Local Government

Purpose of Registration

All Awards

Financial Information

		method of payment? No		
lccount Details DUNS+4:		COGO		
CAGE Code: Rectronic Fund		58QW8		
	oring House (ACI	0):		
xecutive Comp	pensation Questi	ons		
		14		
Proceedings Qu	estions			
Information Op	t-Out			
I authorize my e	entity's information	to be displayed in SAM's Public Search:		Yes
Assertions				[Expand All] [Collapse All]
Goods & Service	<u> </u>			
NAICS Codes	Selected:			
Primary	NAICS	Description		
	Code 921190	OTHER GENERAL GOVERNMENT SUPPORT		
PSC Codes Sel	lected:	-		
PSC Code		Description		
Size Metrics			_	
World Wide:				
Location (Or	utional);			
EDI Information	1			
Do you wish to	o enter ED1 Inform	altion for your non-government entity?		
Disaster Reflef I	Information			
Do you wish to o Does your comp Geographic Ar	any require bondin	of Data for your entity? Ig to bid on Contracts?	No	
Representatio	ons and Certifical	ions		[Expand All] [Collapse All]
Representations	s and Certificatio	ne:		
Point of Conta	ıd			[Expand All] [Collapse All]
Mandatory Poin	t of Contact:			
	Receivable PC	oc .	12-12	
71.00				
Electronic	Business PO			

Government Business POC

Title:
First Name: WILLIAM LAUBERNDS
Hiddle Name:
Last Name:
US Phone: 7658323870

Extension:
NOR US Phone:
Notes:
Address Line 1: 259 VINE STREET
City: CLINTON
State/Province: IN
COUNTY: UNITED STATES
ZIP/Postal Code: 47842

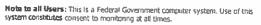
Optional Point of Contact:

Title: First Name: Middle Name: Last Name: US Phone: Extension: Extension:
NON US Phone:
Notes:
Address Line 1:
City:
State/Province
Country: ZIP/Postal Code: **Electronic Business Alternate POC** Title: First Name: Middle Name: Last Name: US Phone: SUSIE JONES 7658323870 Extension: NON US Phone: Notes: 259 VINE STREET CLINTON IN UNITED STATES 47842 Address Line 1: Address Line 1.
City:
State/Province:
Country:
Z1P/Postal Code: Government Business Alternate POC Title:
First Name:
Hiddle Name:
Last Name:
US Phone:
Extension:
NON US Phone:
Notes:
Address Line 1: SUSTE JONES 7658323870 Address Line 1: City: State/Province: 259 VINE STREET CLINTON

SAM | Systemfor Award Management 1.0

Country: ZIP/Postal Code:

> IBM v1.344.20121102-1420 WWW3



IN UNITED STATES 47842









1051 E Hillsdale

1051 E Hillsdale Dana, IN 47847

Inquiry Number: 5334752.6s

June 25, 2018

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

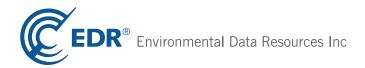


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SECTION	PAGE
Executive Summary	ES1
Primary Map	2
Secondary Map	3
Map Findings	4
Record Sources and Currency	GR-1

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

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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

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A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	0
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	not searched	-	-	-
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	0	0
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	0.5	0	0	0
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	not searched	-	-	-
Local Land Records	0.001	0	0	-
Records of Emergency Release Reports	0.011	0	0	-
Other Ascertainable Records	1.0	0	0	0
	I I	I		

EDR HIGH RISK HISTORICAL RECORDS

EDIT THOSE MICH THOSE TRECORDS					
EDR Exclusive Records	1.0	0	0	0	
Exclusive Recovered Govt. Archives	0.001	0	0	-	

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

^{*}The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

TARGET PROPERTY INFORMATION

ADDRESS

1051 E HILLSDALE 1051 E HILLSDALE DANA, IN 47847

COORDINATES

Latitude (North): 39.825553 - 39° 49′ 31.994019″ Longitude (West): 87.465776 - 87° 27′ 56.78833″ Elevation: 621 ft. above sea level

SEARCH RESULTS

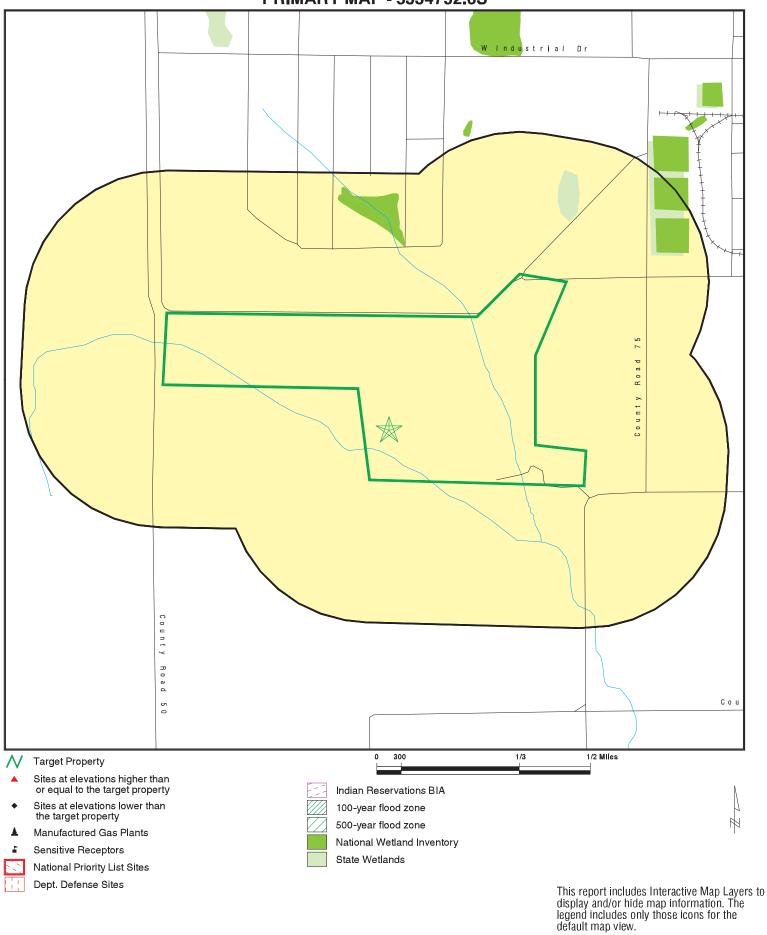
Not Reported

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

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				
ADDITIONAL ENVIRONMENTAL RECORDS				
Name	Address	Dist/Dir	Map ID	Page
Not Reported				
EDR HIGH RISK HISTORICAL RECORDS				
Name	Address	Dist/Dir	Map ID	Page
Not Reported				
EDR RECOVERED GOVERNMENT ARCHIVES				
Name	Address	Dist/Dir	Map ID	Page

PRIMARY MAP - 5334752.6S



Dana IN 47847 INQUIRY #: 5334752.6s DATE: June 15, 2018 5:15 pm

SITE NAME: 1051 E Hillsdale

1051 E Hillsdale

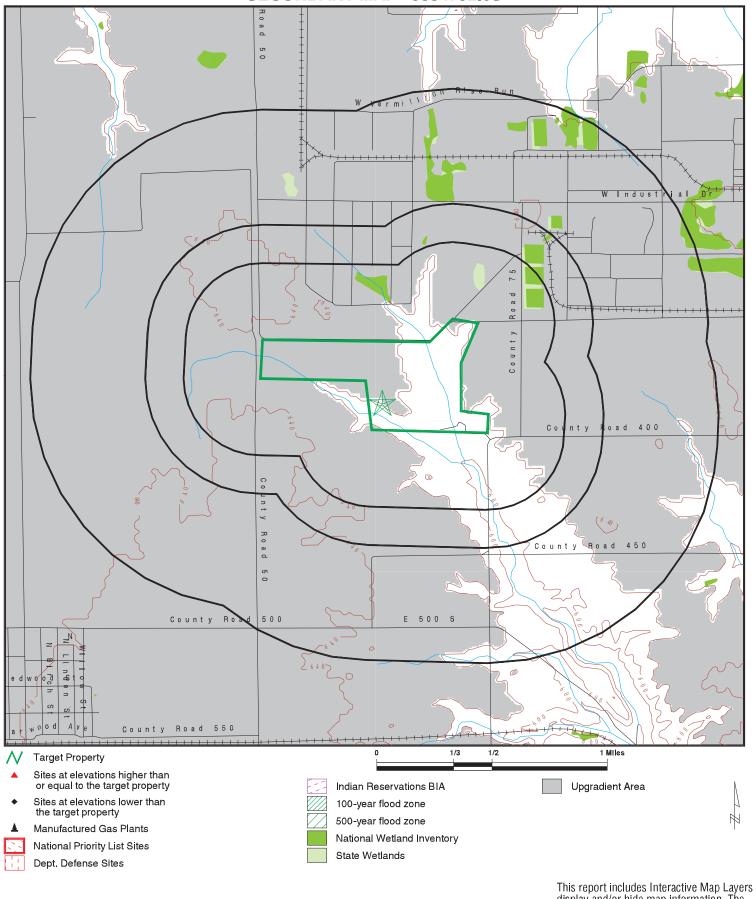
ADDRESS:

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Burns & McDonnell Eng. Co Inc Egasca@burnsmcd.com

CLIENT: CONTACT:

SECONDARY MAP - 5334752.6S



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: 1051 E Hillsdale ADDRESS: 1051 E Hillsdale Dana IN 47847

Dana IN 47847 LAT/LONG: 39.825553 / 87.465776 CLIENT: Burns & McDonnell Eng. Co Inc CONTACT: Egasca@burnsmcd.com

INQUIRY #: 5334752.6s

DATE: June 15, 2018 5:14 pm

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MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP EDR SITE ID NUMBER				
◆ MAP ID#	Direction Distance Range Relative Elevation	(Distance feet / miles) Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.	
Worksheet: Comments: Comments may be ac	dded on the online Vapor Encro	eachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS					
Federal NPL site list US NPL US Proposed NPL US NPL LIENS	National Priority List Proposed National Priority List Sites Federal Superfund Liens	EPA EPA EPA	12/11/2017 12/11/2017 10/15/1991	12/22/2017 12/22/2017 02/02/1994	01/05/2018 01/05/2018 03/30/1994
Federal CERCLIS list US SEMS	Superfund Enterprise Management System	EPA	01/09/2018	02/06/2018	04/13/2018
Federal RCRA CORRACTS facilities In US CORRACTS	ist Corrective Action Report	EPA	12/11/2017	12/26/2017	02/09/2018
Federal RCRA TSD facilities list US RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/11/2017	12/26/2017	02/09/2018
Federal RCRA generators list US RCRA-LQG US RCRA-SQG US RCRA-CESQG	RCRA - Large Quantity Generators RCRA - Small Quantity Generators RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency Environmental Protection Agency Environmental Protection Agency	12/11/2017 12/11/2017 12/11/2017		02/09/2018 02/09/2018 02/09/2018
Federal institutional controls / engine US LUCIS US US ENG CONTROLS US US INST CONTROL	Land Use Control Information System Engineering Controls Sites List Sites with Institutional Controls	Department of the Navy Environmental Protection Agency Environmental Protection Agency	02/16/2018 02/13/2018 02/13/2018	02/22/2018 02/27/2018 02/27/2018	05/11/2018 05/11/2018 05/11/2018
Federal ERNS list US ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/19/2018	03/27/2018	06/08/2018
State and tribal - equivalent CERCLIS IN SHWS	List of Hazardous Waste Response Sites Scored Using the Indi	Department of Environmental Management	03/01/2007	08/27/2007	09/18/2007
State and tribal landfill / solid waste of IN SWF/LF IN OPEN DUMPS	disposal Permitted Solid Waste Facilities Open Dump Waste Sites	Department of Environmental Management Department of Environmental Management	02/02/2018 06/26/2009	03/16/2018 12/11/2013	04/18/2018 01/20/2014
State and tribal leaking storage tank II IN LUST US INDIAN LUST R5 US INDIAN LUST R4 US INDIAN LUST R10 US INDIAN LUST R9 US INDIAN LUST R8 US INDIAN LUST R7 US INDIAN LUST R7 US INDIAN LUST R6 US INDIAN LUST R1	Lust Leaking Underground Storage Tank List Leaking Underground Storage Tanks on Indian Land	Department of Environmental Management EPA, Region 5 EPA Region 4 EPA Region 10 Environmental Protection Agency EPA Region 8 EPA Region 7 EPA Region 6 EPA Region 1	02/01/2018 10/16/2017 10/14/2017 10/24/2017 09/30/2017 10/12/2017 10/12/2017 01/06/2018 10/14/2017	01/23/2018 01/23/2018 01/23/2018 01/23/2018 01/23/2018 01/23/2018	03/06/2018 04/13/2018 04/13/2018 04/13/2018 04/13/2018 04/13/2018 04/13/2018 04/13/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
Sta	te and tribal registered storag	e tank lists				
IN	UST	Indiana Registered Underground Storage Tanks	Department of Environmental Management	02/01/2018	02/28/2018	03/06/2018
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/24/2017	01/23/2018	04/13/2018
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2017	01/23/2018	04/13/2018
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	01/13/2018	01/23/2018	04/13/2018
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/24/2017	07/27/2017	12/08/2017
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/16/2017	01/23/2018	04/13/2018
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/14/2017	01/23/2018	04/13/2018
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	09/30/2017	01/23/2018	04/13/2018
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/14/2017	01/23/2018	04/13/2018
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017
Sta	te and tribal institutional conti	rol / engineering control registries				
IN	AUL	Sites with Restrictions	Department of Environmental Management	02/06/2018	03/15/2018	04/17/2018
Sta	te and tribal voluntary cleanu	o sites				
IN	VCP	Voluntary Remediation Program Site List	Department of Environmental Management	04/09/2018	04/12/2018	06/01/2018
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
Sta	te and tribal Brownfields sites					
IN	BROWNFIELDS	Brownfields Site List	Department of Environmental Management	02/06/2018	03/01/2018	04/18/2018
Oth	er Records					
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2017	01/24/2018	04/13/2018
US	ROD	Records Of Decision	EPA	01/09/2018	02/06/2018	05/11/2018
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	01/09/2018	02/06/2018	05/11/2018
IN	DEL SHWS	Deleted Commissioner's Bulletin Sites List	Department of Environmental Management	04/03/2008	04/04/2008	04/14/2008
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
IN	SWRCY	Recycling Facilities	Department of Environmental Management	05/07/2018	05/07/2018	05/09/2018
IN	SWTIRE	Waste Tire Sites Listing	Department of Environmental Management	08/04/2015	09/09/2015	10/07/2015
IN	AST	Above Ground Storage Tanks		01/25/2017	05/16/2017	09/06/2017
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	01/11/2018	01/19/2018	03/02/2018
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	12/23/2016	12/27/2016	02/17/2017
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/09/2018	02/06/2018	03/02/2018
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	04/22/2013	03/03/2015	03/09/2015
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/22/2018	03/01/2018	05/11/2018
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	Delisted NPL	National Priority List Deletions	EPA	12/11/2017	12/22/2017	01/05/2018

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	01/09/2018	02/06/2018	04/13/2018
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	12/11/2017	12/26/2017	02/09/2018
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/26/2018	03/27/2018	06/08/2018
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	02/22/2018	03/01/2018	05/11/2018
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	03/19/2018	03/21/2018	06/08/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	01/25/2018	02/28/2018	05/11/2018
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	RADINFO	Radiation Information Database	Environmental Protection Agency	01/03/2018	01/04/2018	04/13/2018
US	FINDS	Facility Index System/Facility Registry System	EPA	02/21/2018	02/23/2018	03/23/2018
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2017	11/17/2017	12/08/2017
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
IN	AIRS	Permitted Sources & Emissions Listing	Department of Environmental Management	08/03/2016	08/05/2016	08/23/2016
IN	ASBESTOS	Asbestos Notification Listing	Department of Environmental Management	04/25/2018	05/02/2018	05/24/2018
IN	BULK	Registered Bulk Fertilizer and Pesticide Storage Facilities	Office of Indiana State Chemist	05/01/2017	05/11/2017	09/07/2017
IN	CDL	Clandestine Drug Lab Listing	Department of Environmental Management	08/29/2016	10/05/2016	10/20/2016
IN	CFO	Confined Feeding Operations	Department of Environmental Management	09/03/2013	12/11/2013	01/17/2014
IN	COAL ASH	Coal Ash Disposal Sites	Department of Environmental Management	11/19/2016	01/04/2017	01/20/2017
IN	DRYCLEANERS	Drycleaner Facility Listing	Department of Environmental Management	10/17/2017	03/13/2018	04/18/2018
IN	Financial Assurance 1	Financial Assurance Information Listing	Department of Environmental Management	04/04/2018	04/06/2018	05/24/2018
IN	Financial Assurance 2	Financial Assurance Information Listing	Department of Environmental Management	04/04/2018	04/06/2018	05/24/2018
IN	IND WASTE	Industrial Waste Sites Listing	Department of Environmental Management	08/04/2015	09/09/2015	10/07/2015
IN	IN MANIFEST	Manifest Data	Department of Environmental Management	12/31/2016	10/03/2017	12/05/2017
IN	NPDES	NPDES Permit Listing	Department of Environmental Management	04/29/2018	05/04/2018	05/24/2018
IN	OISC	Office of Indiana State Chemist Database	Office of Indiana State Chemist & Seed	03/19/2018	03/04/2018	04/18/2018
IN	SCP	State Cleanup Program Sites	Department of Environmental Management	08/29/2016	08/29/2016	10/20/2016
111	001	Otate Gleanup i Togram Ottes	Dopartinent of Environmental Management	00/23/2010	00/23/2010	10/20/2010

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
IN	SPILLS	Spills Incidents	Department of Environmental Management	01/31/2018	02/28/2018	03/06/2018
IN	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	09/11/2002	01/03/2013	02/28/2013
IN	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	09/07/2012	01/03/2013	02/11/2013
IN	TIER 2	Tier 2 Facility Listing	Department of Environmental Management	12/31/2016	07/25/2017	09/07/2017
IN	UIC	UIC Site Listing	Department of Natural Resources	02/23/2018	02/23/2018	04/19/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/08/2018	03/13/2018	06/08/2018
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	01/04/2018	01/19/2018	04/13/2018
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	02/25/2018	03/17/2018	06/08/2018
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/20/2018	02/21/2018	03/23/2018
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/30/2016	10/31/2017	01/12/2018
HIS	TORICAL USE RECORDS					
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
IN	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Management		07/01/2013	12/24/2013
IN	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Management		07/01/2013	01/20/2014
IN	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Environmental Management		07/01/2013	12/24/2013

STREET AND ADDRESS INFORMATION

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1051 East Hillsdale

1051 East Hillsdale Dana, IN 47847

Inquiry Number: 5334752.2s

June 25, 2018

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

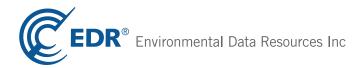


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Map Findings	4
Record Sources and Currency	GR-1

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

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A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	0
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	not searched	-	-	-
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	0	0
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	0.5	0	0	0
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	not searched	-	-	-
Local Land Records	0.001	0	0	-
Records of Emergency Release Reports	0.011	0	0	-
Other Ascertainable Records	1.0	0	0	0
	II	I		

EDR HIGH RISK HISTORICAL RECORDS

	EDIT THOS THOS ORIONE RECORDS							
EDR Exclusive Records		1.0	0	0	0			
	Exclusive Recovered Govt. Archives	0.001	0	0	-			

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

^{*}The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

TARGET PROPERTY INFORMATION

ADDRESS

1051 EAST HILLSDALE 1051 EAST HILLSDALE DANA, IN 47847

COORDINATES

Latitude (North): 39.850465 - 39° 51′ 1.6699219″ Longitude (West): 87.479423 - 87° 28′ 45.924683″

Elevation: 631 ft. above sea level

SEARCH RESULTS

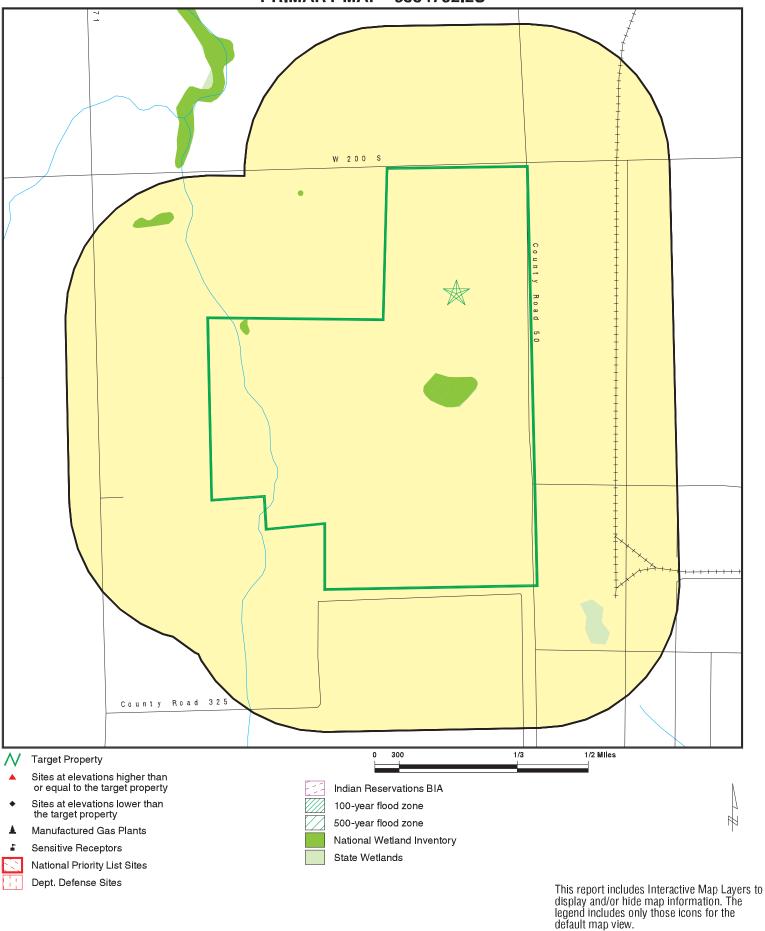
Not Reported

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

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				
ADDITIONAL ENVIRONMENTAL RECORDS				
Name	Address	Dist/Dir	Map ID	Page
Not Reported				
EDR HIGH RISK HISTORICAL RECORDS				
Name	Address	Dist/Dir	Map ID	Page
Not Reported				
EDR RECOVERED GOVERNMENT ARCHIVES				
Name	Address	Dist/Dir	Map ID	Page

PRIMARY MAP - 5334752.2S



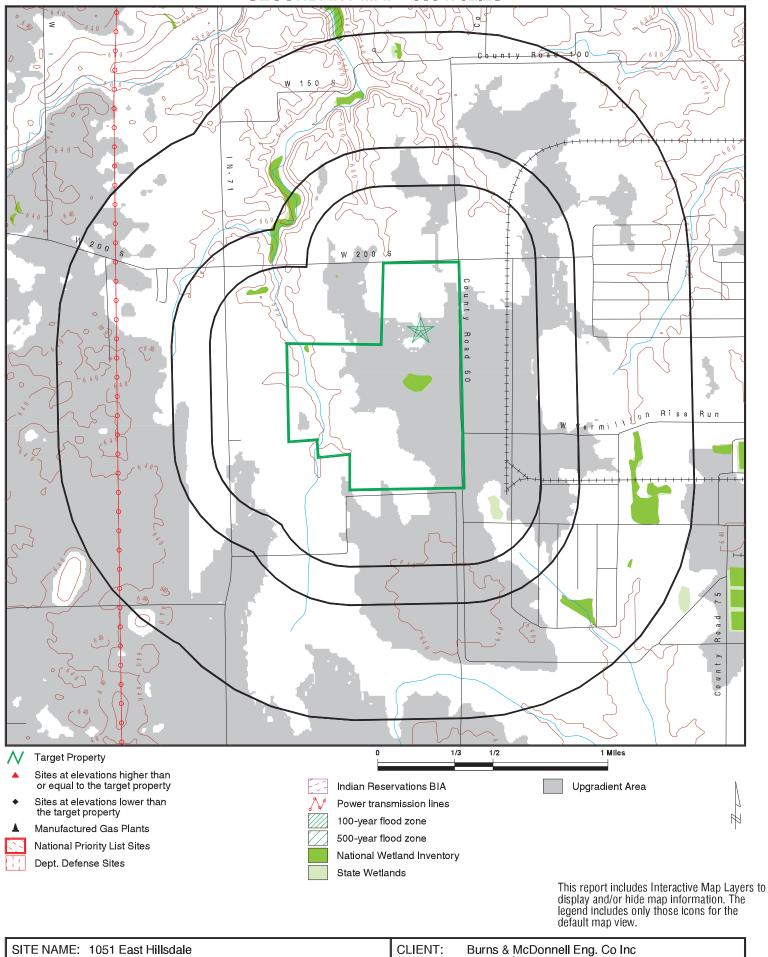
CLIENT: Burns & McDonnell Eng. Co Inc CONTACT: Egasca@burnsmcd.com INQUIRY#: 5334752.2s DATE: June 15, 2018 5:11 pm

ADDRESS: 1051 East Hillsdale Dana IN 47847 LAT/LONG: 39.850465 / 87.479423

SITE NAME: 1051 East Hillsdale

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SECONDARY MAP - 5334752.2S



CLIENT: CONTACT: SITE NAME: 1051 East Hillsdale ADDRESS: 1051 East Hillsdale Dana IN 47847 INQUIRY #: 5334752.2s LAT/LONG: 39.850465 / 87.479423 DATE:

Egasca@burnsmcd.com

June 15, 2018 5:11 pm Copyright © 2018 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP EDR SITE ID NUMBER			
♦ MAP ID#	Direction Distance Range Relative Elevation	(Distance feet / miles) Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
Worksheet: Comments: Comments may be ac	dded on the online Vapor Encro	eachment Worksheet.	

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

St Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS					
Federal NPL site list US NPL US Proposed NPL US NPL LIENS	National Priority List Proposed National Priority List Sites Federal Superfund Liens	EPA EPA EPA	12/11/2017 12/11/2017 10/15/1991	12/22/2017 12/22/2017 02/02/1994	01/05/2018 01/05/2018 03/30/1994
Federal CERCLIS list US SEMS	Superfund Enterprise Management System	EPA	01/09/2018	02/06/2018	04/13/2018
Federal RCRA CORRACTS facilities I US CORRACTS	ist Corrective Action Report	EPA	12/11/2017	12/26/2017	02/09/2018
Federal RCRA TSD facilities list US RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/11/2017	12/26/2017	02/09/2018
Federal RCRA generators list US RCRA-LQG US RCRA-SQG US RCRA-CESQG	RCRA - Large Quantity Generators RCRA - Small Quantity Generators RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency Environmental Protection Agency Environmental Protection Agency	12/11/2017 12/11/2017 12/11/2017		02/09/2018 02/09/2018 02/09/2018
Federal institutional controls / engine US LUCIS US US ENG CONTROLS US US INST CONTROL	Land Use Control Information System Engineering Controls Sites List Sites with Institutional Controls	Department of the Navy Environmental Protection Agency Environmental Protection Agency	02/16/2018 02/13/2018 02/13/2018	02/22/2018 02/27/2018 02/27/2018	05/11/2018 05/11/2018 05/11/2018
Federal ERNS list US ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/19/2018	03/27/2018	06/08/2018
State and tribal - equivalent CERCLIS IN SHWS	List of Hazardous Waste Response Sites Scored Using the Indi	Department of Environmental Management	03/01/2007	08/27/2007	09/18/2007
State and tribal landfill / solid waste of IN SWF/LF IN OPEN DUMPS	disposal Permitted Solid Waste Facilities Open Dump Waste Sites	Department of Environmental Management Department of Environmental Management	02/02/2018 06/26/2009	03/16/2018 12/11/2013	04/18/2018 01/20/2014
State and tribal leaking storage tank IN LUST US INDIAN LUST R5 US INDIAN LUST R4 US INDIAN LUST R10 US INDIAN LUST R9 US INDIAN LUST R8 US INDIAN LUST R7 US INDIAN LUST R7 US INDIAN LUST R6 US INDIAN LUST R1	Lust Leaking Underground Storage Tank List Leaking Underground Storage Tanks on Indian Land	Department of Environmental Management EPA, Region 5 EPA Region 4 EPA Region 10 Environmental Protection Agency EPA Region 8 EPA Region 7 EPA Region 6 EPA Region 1	02/01/2018 10/16/2017 10/14/2017 10/24/2017 09/30/2017 10/12/2017 10/12/2017 01/06/2018 10/14/2017	01/23/2018 01/23/2018 01/23/2018 01/23/2018 01/23/2018 01/23/2018	03/06/2018 04/13/2018 04/13/2018 04/13/2018 04/13/2018 04/13/2018 04/13/2018 04/13/2018

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US	ROD	Records Of Decision	EPA	01/09/2018	02/06/2018	05/11/2018
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	01/09/2018	02/06/2018	05/11/2018
IN	DEL SHWS	Deleted Commissioner's Bulletin Sites List	Department of Environmental Management	04/03/2008	04/04/2008	04/14/2008
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
IN	SWRCY	Recycling Facilities	Department of Environmental Management	05/07/2018	05/07/2018	05/09/2018
IN	SWTIRE	Waste Tire Sites Listing	Department of Environmental Management	08/04/2015	09/09/2015	10/07/2015
IN	AST	Above Ground Storage Tanks		01/25/2017	05/16/2017	09/06/2017
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	01/11/2018	01/19/2018	03/02/2018
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	12/23/2016	12/27/2016	02/17/2017
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/09/2018	02/06/2018	03/02/2018
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	04/22/2013	03/03/2015	03/09/2015
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/22/2018	03/01/2018	05/11/2018
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	Delisted NPL	National Priority List Deletions	EPA	12/11/2017	12/22/2017	01/05/2018

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	01/09/2018	02/06/2018	04/13/2018
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	12/11/2017	12/26/2017	02/09/2018
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/26/2018	03/27/2018	06/08/2018
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	02/22/2018	03/01/2018	05/11/2018
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	03/19/2018	03/21/2018	06/08/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	01/25/2018	02/28/2018	05/11/2018
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	RADINFO	Radiation Information Database	Environmental Protection Agency	01/03/2018	01/04/2018	04/13/2018
US	FINDS	Facility Index System/Facility Registry System	EPA	02/21/2018	02/23/2018	03/23/2018
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2017	11/17/2017	12/08/2017
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
IN	AIRS	Permitted Sources & Emissions Listing	Department of Environmental Management	08/03/2016	08/05/2016	08/23/2016
IN	ASBESTOS	Asbestos Notification Listing	Department of Environmental Management	04/25/2018	05/02/2018	05/24/2018
IN	BULK	Registered Bulk Fertilizer and Pesticide Storage Facilities	Office of Indiana State Chemist	05/01/2017	05/11/2017	09/07/2017
IN	CDL	Clandestine Drug Lab Listing	Department of Environmental Management	08/29/2016	10/05/2016	10/20/2016
IN	CFO	Confined Feeding Operations	Department of Environmental Management	09/03/2013	12/11/2013	01/17/2014
IN	COAL ASH	Coal Ash Disposal Sites	Department of Environmental Management	11/19/2016	01/04/2017	01/20/2017
IN	DRYCLEANERS	Drycleaner Facility Listing	Department of Environmental Management	10/17/2017	03/13/2018	04/18/2018
IN	Financial Assurance 1	Financial Assurance Information Listing	Department of Environmental Management	04/04/2018	04/06/2018	05/24/2018
IN	Financial Assurance 2	Financial Assurance Information Listing	Department of Environmental Management	04/04/2018	04/06/2018	05/24/2018
IN	IND WASTE	Industrial Waste Sites Listing	Department of Environmental Management	08/04/2015	09/09/2015	10/07/2015
IN	IN MANIFEST	Manifest Data	Department of Environmental Management	12/31/2016	10/03/2017	12/05/2017
IN	NPDES	NPDES Permit Listing	Department of Environmental Management	04/29/2018	05/04/2018	05/24/2018
IN	OISC	Office of Indiana State Chemist Database	Office of Indiana State Chemist & Seed	03/19/2018	03/04/2018	04/18/2018
IN	SCP	State Cleanup Program Sites	Department of Environmental Management	08/29/2016	08/29/2016	10/20/2016
111	001	Otate Gleanup i Togram Ottes	Dopartinent of Environmental Management	00/23/2010	00/23/2010	10/20/2010

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
IN	SPILLS	Spills Incidents	Department of Environmental Management	01/31/2018	02/28/2018	03/06/2018
IN	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	09/11/2002	01/03/2013	02/28/2013
IN	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	09/07/2012	01/03/2013	02/11/2013
IN	TIER 2	Tier 2 Facility Listing	Department of Environmental Management	12/31/2016	07/25/2017	09/07/2017
IN	UIC	UIC Site Listing	Department of Natural Resources	02/23/2018	02/23/2018	04/19/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/08/2018	03/13/2018	06/08/2018
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	01/04/2018	01/19/2018	04/13/2018
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	02/25/2018	03/17/2018	06/08/2018
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/20/2018	02/21/2018	03/23/2018
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/30/2016	10/31/2017	01/12/2018
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
IN	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Management		07/01/2013	12/24/2013
IN	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Management		07/01/2013	01/20/2014
IN	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Environmental Management		07/01/2013	12/24/2013

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