PHASE I ENVIRONMENTAL SITE ASSESSMENT

340-ACRE TRACT SWC of Indiana State Road 61 and County Road 300 North Petersburg, Indiana Project No.: 16EV0018

PREPARED FOR:

PIKE COUNTY ECONOMIC DEVELOPMENT CORPORATION PETERSBURG, INDIANA

PREPARED BY:

ALT & WITZIG CONSULTING SERVICES EVANSVILLE, INDIANA





June 20, 2016

Pike County Economic Development Corporation 1592 Indiana 61 Petersburg, Indiana 47567 Attn: Ms. Ashley P. Willis

RE: Phase I Environmental Site Assessment

340-Acre Tract

SWC of Indiana State Road 61 and

County Road 300 North Petersburg, Indiana

Alt & Witzig Project No.: 16EV0018

Dear Ms. Willis:

In compliance with your request, we have completed a Phase I Environmental Assessment of the above referenced Site. It is our pleasure to provide an electronic copy of this report for your use.

The purpose of our investigation was to identify Recognized Environmental Conditions (RECs) associated with the Site. This report was performed in general accordance with the American Society for Testing Materials (ASTM) Standard E1527-13 requirements for Phase I Environmental Assessments and the standards and practices set forth in 40 CFR Part 312.

If you have any questions or comments regarding our findings, please do not hesitate to contact us.

Sincerely,

ALT & WITZIG CONSULTING SERVICES

Chris Newton

Project Geologist

Environmental Division

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Senior Project Manager Environmental Division

Offices:

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EXECUTIVE SUMMARY

The purpose of our investigation was to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), historic recognized environmental conditions (HRECs) and vapor encroachment conditions (VECs) associated with the project site ("Site"), based on available public documentation and Site reconnaissance.

The term de minimis condition is defined as "a condition that does not represent a threat to human health or the environment; and a condition that would not be subject to enforcement action if brought to the attention of a regulatory agency." A de minimis condition is not a REC.

The term REC is defined as "...the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any 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." The term "REC" is not intended to include "de minimis" conditions.

The term CREC is defined as "a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a No Further Action (NFA) letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, Activity and Use Limitation (AULs), institutional controls or engineering controls)...a CREC shall be listed in the findings section of the Phase I Environmental Site Assessment (ESA) report, and as a REC in the conclusions section of the...report."

The term HREC is defined as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, AULs, institutional controls or engineering controls). Before calling the past release an HREC, the environmental professional (EP) must determine whether the past release is a REC at the time the Phase I ESA is conducted (e.g., if there has been a change in the regulatory criteria). If the EP considers this past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusion section of the report as a REC."

The term VEC is defined as "the presence or likely presence of chemicals of concern (COC) vapors in the sub-surface of the target property (TP) caused by the release of vapors from contaminated soil or groundwater either on or near the TP as identified by Tier 1 or Tier 2 (Vapor Encroachment Screen [VES]) procedures".

Findings

The Site consisted of 340-acres of unimproved and wooded land. Groundcover on the Site consisted of grass, trees, shrubbery, and gravel.

According to the historical sources reviewed during this investigation, the Site consisted of unimproved farmland and a homestead located on the northeast portion from at least 1939 to 1984. From 1984 to 1995, the majority of the southern half of the Site was surface mined for coal. Sometime around 2000,

the homestead on the northeast portion of the Site was removed. The former surface mined land was reclaimed as wooded and vacant farmland in 2013.

Evidence of underground storage tanks (USTs), polychlorinated biphenyls (PCB) equipment, and hazardous substance/petroleum product releases were not identified during the Site investigation.

The Site was not identified on the Environmental Data Resources EDRTM (EDR) Report; however, the IDEM VFC listed the Site under the alias Solar Sources Prides Creek Mine (2519 North C.R. 75 East). According to review of the information obtained from the IDEM VFC and interviews, the Site was stripmined from at least 1984 to at least 1995 and was reclaimed in 2013. The Site strip-mining operations were entered into the National Pollutant Discharge Elimination System (NPDES) on May 2, 1985. Review of yearly inspections from 1985 to 2015 did not identify any violations. Compliance Inspection Report was completed by the Indiana Department of Natural Resources Division of Reclamation (Indiana DNR) on 02/02/2016. This report indicated that several areas were held from release due to areas of erosion, lack of greater 70% ground cover consisting of at least 90% approved species, and areas that needed to be replanted with trees. Near a spillway located on the southeast portion of the Site, a fish kill was observed. A fish kill is a natural event that can occur during extreme winter weather conditions causing water temperature to fluctuate. The weather events during the winter of 2016 (snow and ice) inhibited sunlight penetration and prevented aquatic plants and algae from producing enough oxygen, thus causing the fish kill. The Indiana DNR indicated that there were no water quality issues in the past with this specific sediment basin. The report indicated a pH of between 7.5 and 8.3 from the sampled discharged water. Review of documentation from the IDEM VFC did not identify any environmental concerns; however, it should be noted that Site has been historically used as strip-mine land and has been reclaimed with fill material or overburden that were located on or near the Site. According to an interview with the owner representative and review of documentation from the DNR Department of Reclamation, there was a small coal processing area on the east-central portion of the Site; however, no coal was said to be washed there. The former strip mining operations at the Site do not appear to represent a REC at this time.

Adjoining and nearby facilities were identified on the EDR report. However, based on reviewed information, these facilities should not present a REC to the Site.

Conclusions

A&W has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of a 340-acre parcel located on the southwest corner of Indiana State Road 61 and County Road 300 North in Petersburg, Pike County, Indiana, the Site. Any exceptions to, or deletions from, this practice are described in sections "Limitations, Assumptions, Additions, and Exceptions of the Assessment" and "Limiting Conditions" of this report. This assessment has revealed no evidence of RECs in connection with the Site except for the following:

Recommendations

Based on evidence collected and summarized in this investigation, it is our opinion that further investigation is not warranted at this time.

The Executive Summary provides a summation of the observed Site conditions and identified RECs in regard to the Site and is not intended to be all-inclusive. Within the scope of an investigation such as this assessment, the potential for unintentional omission of data may exist. Our opinion is based on generally accepted engineering practices.

Project No.: 16EV0018

1.0 Environmental Assessment Introduction

This report presents the results of a Phase I Environmental Site Assessment (ESA) performed on the 340-acre property located on the southwest corner of Indiana State Road 61 and County Road 300 North in Petersburg, Indiana (Site). An Alt & Witzig Consulting Services (A&W) project geologist performed a Site reconnaissance on May 17, 2016.

This investigation was performed for Pike County Economic Development Corporation. Authorization to perform this assessment was in the form of an A&W proposal accepted by Ms. Ashley P. Willis of the Pike County Economic Development Corporation.

1.1 Purpose and Scope of Work

The purpose of our investigation was to identify Recognized Environmental Conditions (RECs) associated with the Site. The investigation was conducted in general accordance with the American Society for Testing and Materials (ASTM) "Standard Practice for Environmental Site Assessments: Phase I Environmental Assessment Process" E1527-13 requirements and the standards and practices set forth in 40 CFR Part 312.

The Environmental Site Assessment consisted of a Site reconnaissance, a review of public records and database review, including Indiana Department of Environmental Management (IDEM) records and U.S. Environmental Protection Agency (U.S. EPA) listings, and interviews conducted with available present and past owners, operators, and occupants of the Site, as well as State and Local government personnel (i.e. local health and fire departments).

Sampling was not conducted in conjunction with this assessment. Per the Indiana Site Certified Program, cursory evaluations for floodplains and air quality were conducted at the time of the Site investigation. A cursory evaluation is comprised of a non-exhaustive visual inspection for the potential for these items.

1.2 Report Limitations and Exceptions

This assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property within the reasonable timeframe, scope and budget of this assessment. The report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based on facts currently available within the limits of the existing data, scope of work, budget and schedule. To the extent that the client desires more definitive conclusions than are warranted by the currently available facts, it is A&W's specific intent that the conclusions and recommendations stated herein provide guidance and not necessarily a firm course of action, except where explicitly stated. This report is not an audit of regulatory compliance or detailed condition survey for the presence of asbestos, lead paint, radon or other naturally occurring non-disposed materials. We make no warranties, express or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose. Additionally, the information provided to Pike County Economic Development Corporation in this report is not to be construed as legal advice.

1.3 Scope Deletions or Deviations

The following scope deletion and/or deviation to ASTM Practice E1527-13 (i.e. client-imposed constraints, non-scope additions) were encountered during this assessment: Floodplains and air quality.

1.4 Data Gaps

Data gaps were encountered during the course of this assessment with individual historical sources and interviews including lack of historical aerials from the 1980's, lack of available Sanborn maps, available city directories, and interview with the Health Department. Collectively the sources considered and consulted during the course of this assessment allowed A&W to adequately determine the Site history. Therefore, these data gaps are not considered to be significant.

1.5 User Reliance

This report is solely for the use of Pike County Economic Development Corporation and any reliance of this report by third parties shall be at such party's sole risk and may not contain sufficient information for purposes of other parties for other uses. This report shall only be presented in full and may not be used to support any other objectives than those set out in the report, except where written approval with consent are provided by Pike County Economic Development Corporation and A&W.

Project No.: 16EV0018

2.0 Project Location & Description

2.1 Site Location

The Site is located south of the Town of Petersburg in Pike County, Indiana, on the southwest corner of Indiana State Road 61 and County Road 300 North. The Site is further located on the U.S.G.S. 7.5-Minute Series Topographic map of Petersburg, Indiana (see Figure 1, Appendix A) in the center of Section 2, Township 1 South, Range 8 West.

2.2 Site Description and Current Use(s)

The Site includes approximately 340-acres of unimproved land. The following section describes general conditions and features as noted during A&W's inspection of the Site. environmental issues, such as chemical/waste storage and use, polychlorinated biphenyls (PCBs) and storage tanks are discussed in later Sections of this report.

GENERAL SITE DESCRIPTION			
Size of Site (approximate)	340-acres		
Adjoining and/or Access/Egress Roads	Access to the Site is from the east via County Road 75 East. County Road 300 North adjoins the Site to the north. State Highway 61 adjoins the northeast corner of the Site. Interstate-69 adjoins the southwest portion of the Site. A gravel access road traversed the Site from the northeast to the southwest.		
Unimproved Areas	The entire Site consists of unimproved land.		
Surface Water	The Site contained several unnamed ditches on ponds on the Site. The ponds were located on the northwest and southeast portions of the Site. Many of the ditches observed on the Site appeared to drain into these ponds.		

2.3 Environmental Setting

2.3.1 Topography

The surface of the immediate Site consisted of hills gently rolling to the south, with a relief of less than thirty (30) feet. The approximate mean sea level (msl) elevation of the Site is 460 feet. Drainage on the Site was along the ground surface toward several tributaries of Prides Creeks which is located west of the Site

Based on the topography, the groundwater flow is likely in a westerly direction toward Prides Creek.

2.3.2 Soils

Topsoil on the Site consists primarily of Alford, Belknap, Bonnie, Fairpoint, Hosmer, Wakeland, Wellston, and Zanesville soil associations as well as mine dumps/spoils. Alford soils are described by the U.S. Department of Agriculture Soil Conservation Service (USDA) as consisting primarily of silt-loam and fine silty-loam. Alford soils consist of very deep, well drained soils formed in loess. Alford soils are also commonly found on loess hills and less commonly on outwash plains.

Belknap soils are described by the USDA as gently sloping to steep, deep, well-drained and



moderately well-drained medium textured soils on uplands, and nearly level, deep, somewhat poorly drained, medium textured soils on flood plains.

Bonnie soils are described by the USDA as consisting of very deep, poorly drained and very poorly drained soils formed in silty alluvium on flood plains.

Fairpoint soils are described by the USDA as consisting of very deep, well-drained soils with moderate or moderately rapid permeability. These soils formed in non-acid regolith from the surface mining of coal. The regolith is a mixture of partially weathered fine earth and bedrock fragments. Rock fragments consist mainly of siltstone and shale with small amounts of sandstone and coal.

Hosmer soils are described by the USDA as being well drained and moderately well drained soils that are moderately deep to a fragipan; on loess-covered uplands.

Wakeland soils are described by the USDA as being very deep, somewhat poorly drained soils that formed in silty alluvium. These soils are on flood plains and flood-plain steps.

Wellston soils are described by the USDA as consisting of deep or very deep, well drained soils formed in silty material from loess and from fine-grained sandstone or siltstone and with bedrock at depth of 40 to 72 inches. These soils have moderate permeability.

Zanesville soils are described by the USDA as very deep, moderately well drained soils formed in loess and the underlying residuum from shale interbedded with sandstone and siltstone. They are moderately deep or shallow to a fragipan and form on the benches of hills.

Additionally mine dump/spoils was described as being present at the Site. Mine spoils or overburden is described as the material that lies above an area that lends itself to economical exploitation. The mine spoil/overburden present at the Site is further discussed in this report.

3.0 HISTORICAL/RECORDS REVIEW

3.1 Summary

The historical uses of the Site were established by interviews with property owners and evaluation of public records and historical documents. This evaluation assists in determining past usage or practices that may have generated, accepted for disposal or stored hazardous substances.

According to the historical sources reviewed during this investigation, the Site consisted of unimproved farmland and a homestead located on the northeast portion from at least 1939 to 1984. From 1984 to 1995, the majority of the southern half of the Site was surface mined for coal. Sometime around 2000, the homestead on the northeast portion of the Site was removed. The former surface mined land was reclaimed as wooded and vacant farmland in 2013.

3.2 Environmental Liens or Activity and Use Limitations

Environmental Liens or Activity Use Limitations (AULs) are an indicator of the current or historical release of hazardous substances or petroleum products. The presence of Institutional Controls (IC) or Engineering Controls (EC) on a property may indicate a REC. Environmental Liens or AULs should provide information on constituents of concern; potential exposure pathway(s), media controlled, and expected performed objective(s) sought for the AUL.

It is the user's responsibility to provide A&W with information pertaining to Environmental Liens or AULs. According to information provided in the completed User Questionnaire (Appendix E), there are Environmental Liens or AULs associated with the Site.

3.3 Interviews

3.3.1 Owners and Occupants

A&W received a Combined Key Site Representative/Owner Questionnaire from Mr. Michael Owens of Solar Sources Incorporated (current Site owner), concerning current and historical uses of the Site. Mr. Owen has been associated with the Site for approximately 24 years. According to Mr. Owen, the Site was historically used as grain farmland and surface coal mined from 1984 to 1995. The surface coal mine had final reclamation in 2013. According to Mr. Owen, the Site contained an old residence on the northeast portion until it was demolished in approximately 2000. According to Mr. Owen, no hazardous materials or petroleum products are stored or handled on the Site. Mr. Owen listed the Site or surrounding area as containing several monitoring wells that are in compliance with the Surface Mining Control and Reclamation Act (SMCRA). He did not identify any specific information associated with these wells. According to Mr. Owen, no hazardous waste is generated, treated or stored on the Site. Mr. Owen did identify that portable fuel and oil tanks were used at the Site for mining equipment but have been removed. Mr. Owen had no additional specialized or commonly known information of other environmental concerns in connection with the Site.

On June 16, 2016, A&W spoke to Mr. Michael Owens by telephone concerning the on-Site operations of Solar Sources, Inc. According to Mr. Owens, no extensive processing of coal or washing of coal took place at the Site.

3.4 Valuation Reduction for Environmental Issues

Information contained in the completed User Questionnaire indicated that no environmental issues exist on the Site that would result in diminished property value and the value of the Site property is comparable to properties of similar size and use in the area of the Site.

3.5 Historical Maps

Sanborn Maps

Sanborn Fire Insurance Maps were developed from the late 1800s through the 1950s to provide information on locations of structures and operations during the time of the specific survey. These maps provided information on UST locations, industrial processes, and commercial locations in a given neighborhood over time. Sanborn maps were not published for this area.

Topographic Maps

Topographic maps have been revised from time to time and can allow the viewer to distinguish between structures originally present and structures that were constructed since the original map was published. Historic topographic maps of the Petersburg, Indiana quadrangle, reviewed during the course of this assessment, are discussed below:

TOPOGRAPHIC MAPS			
YEAR	MAP OBSERVATIONS		
1961	The Site is located in an area of unimproved land. Several intermittent tributaries to Prides Creeks are illustrated traversing the Site along with two (2) small ponds on the north portion of the Site and one located in the southeast portion of the Site. Three squares indicating structures are illustrated south of Gum Tree Road (County Road 300 North). A driveway and two structures are illustrated on the east center portion of the Site.		

3.6 Historical City Directories

City directories provide listings of property occupant by street address. Haines, Polk, or Criss Cross City Directories were not published for this area.

3.7 Aerial Photographs

Aerial photographs dated 1937, 1949, 1954, 1966, 1978, 1998, 2005, 2010, and 2015 were reviewed on the Indiana Historical Aerial Photo Index and Google Earth in order to determine past uses of the Site. Copies of available aerial photographs are presented in Appendix A.

AERIAL PHOTOGRAPHS			
YEAR DESCRIPTION			
1937, 1949, 1954, 1966	The Site appeared as predominantly unimproved agricultural and wooded land. The Site boundary bisects what appeared to be a homestead on the northeast portion of the Site.		
1978	The Site appeared as predominantly unimproved agricultural and wooded land. The Site boundary bisects what appeared to be a homestead on the northeast portion of the Site. Several structures and a driveway were observed on the east-central portion of the Site.		

6

AERIAL PHOTOGRAPHS			
YEAR	DESCRIPTION		
1998	The observed partial homestead previously observed on the north portion of the Site has been removed. A drive traverses the Site from the northeast to the southwest. A cleared area with several structures was observed on the east-central portion of the Site.		
1998, 2005, 2010	A drive traverses the Site from the northeast to the southwest. The aerial photographs were observed to have two (2) fill/dump areas associated with surface mining operations. A fill area was observed on the east-central portion of the Site and another was observed along the southwest boundary of the Site.		
2015	The former structures appeared to have been removed from the Site. The fill/dump areas previously described are also no longer visible. A gravel drive traverses the Site from the northeast to the southwest.		

Based on observations from the 1998, 2005, and 2010 historical aerial photographs, the Site has undergone extensive strip mining and clearing operations. Strip mining is a type of surface mining that involves excavating earth, rock, and other material to uncover a tabular, lens-shaped, or layered mineral reserve. Typically after strip mining operations are completed, the land is reclaimed with fill material or overburden. Based on the origin of reclaimed material from the former strip mining operations (near or on the Site), review of the aerial photographs do not represent a REC to the Site.

3.8 Local Agency Records/Interviews

3.8.1 Pike County Chamber of Commerce

A&W visited the Pike County Chamber of Commerce to review file records for the Site. According to Ms. Carol Austin, no file records were identified for the Site.

3.8.2 Petersburg Volunteer Fire Department Records

A&W contacted the Petersburg Volunteer Fire Department by telephone and spoke to Fire Chief Rich Coan regarding potential environmental concerns at the Site. Chief Coan had recalled several vehicle fires from surface mines owned by Solar Sources, Inc. but did not think that the project Site had any environmental issues. According to Chief Coan, there is no file information pertaining to leaks, releases, spills, USTs or ASTs being present at the Site. Mr. Coan had no knowledge of environmental concerns with the Site.

3.8.3 Pike County Assessor Department

A&W reviewed file records for the Site at the Pike County Assessor Department website. The Site has been assigned a parcel identification numbers of 63-06-02-300-019.000-011 (90.5-acres), 63-06-02-400-031.000-011 (40.0-acres), 63-06-02-400-017.000-011 (40.0-acres), 63-06-02-300-029.000-011 (40.0-acres), 63-06-02-100-030.000-011 (24.9-acres), 63-06-02-200-002.000-011 (70.0-acres), and 63-06-02-100-027.000-011 (32.9-acres). The Site consists of approximately 340-acres. The record review did not identify environmental concerns with the Site.

Ownership records are indicative of a property's past use; however, they are not a guarantee of actual historical activities. The following information was reviewed at the Pike County Assessor's Office online database regarding ownership of the Site.



Site Address: North Meridian Road Parcel Number: 63-06-2-300-019.000-011

Owner Transfer Date
1. Solar Sources Inc. (current owner) 07/14/2011

Site Address: N CR 75 E

Parcel Number: 63-06-02-400-031.000-011

Owner Transfer Date
Solar Sources Inc. Current Owner

Site Address: N CR 75 E

Parcel Number: 63-06-02-400-017.000-011

Owner Transfer Date
Solar Sources Inc. Current Owner

Site Address: N Meridian Road

Parcel Number: 63-06-02-300-029.000-011

Owner Transfer Date
Solar Sources Inc. Current Owner

Site Address: N CR 75 E

Parcel Number: 63-06-02-100-030.000-011

Owner Transfer Date
1. Solar Sources Inc. Current Owner

Site Address: E CR 350 N

Parcel Number: 63-06-02-200-002.000-011

Owner Transfer Date
Solar Sources Inc. Current Owner

Site Address: N ST RD 61

Parcel Number: 63-06-02-100-027.000-011

OwnerTransfer Date1. Solar Sources Inc.Current Owner

If a more detailed review of ownership history is required, a title company can be subcontracted to perform a chain of title search. A&W has not been provided a copy of a title search as of the date of this report. Assessor records for the Site are contained in Appendix B.

3.8.4 Pike County Health Department

A&W made several attempts by telephone and electronic-mail to contact the Pike County Health Department regarding potential environmental concerns at the Site. At the time of this report, no reply has been received from the Health Department. If a reply is received that changes the outcome of this report, an addendum will be issued.

3.8.5 Pike County Zoning Department Records

According to Zoning Maps viewed on the Pike County GIS website, the Site zoning is predominantly GR or General Rural District. The northeast perimeter of the Site is zoned as TR or Town Residential District.

3.8.6 Department of Natural Resources Division of Reclamation

A&W contacted the Department of Natural Resources (DNR) Division of Reclamation and spoke to Mr. Tim Wright regarding the past mining operations at the Site. According to Mr. Wright all permitting and documentation available for the Prides Creek Mine was on file at the Pike County Library (file # S-126). A&W visited the Pike County Library and reviewed available documents. According to the documentation, the southeast portion of the Site was permitted for surface mining operations; however, due to an unidentified cause, this area was not mined. Review of mining maps revealed that the east-central portion of the Site consisted of a parking area, haul road, and a small processing area. During a telephone interview with Mr. Michael Owens of Solar Sources Inc. (the owner of the Site), it was indicated that no washing of coal took place at this processing area. The records review did not indicate any environmental concerns at the Site.

3.9 Previous Investigations / Assessments

Previous reports or investigations were not provided for additional historical review in connection with the Site.

4.0 SITE RECONNAISSANCE

Mr. Chris Newton, A&W project geologist, performed a reconnaissance of the Site on May 17, 2016. Photographs were taken during the Site reconnaissance to supplement our observations. The photographs can be found in Appendix C.

4.1 Reconnaissance Methodology

The Site reconnaissance consisted of visual observations of: the Site and improvements; adjoining properties as viewed from the Site; and the surrounding area based on visual observations made during the trip to and from the Site. Unimproved portions of the Site were observed along the perimeter and in a general grid pattern in safely accessible areas.

During the Site reconnaissance the weather was partly cloudy and approximately 63 degrees Fahrenheit with adequate visibility.

4.2 Limiting Conditions

Physical limitations were not encountered at the time of the Site reconnaissance.

4.3 Current Uses and Activities

The Site consisted of approximately 340-acres of agricultural and wooded land. Several small ditches were observed traversing the Site along with small ponds. A gravel access road was observed traversing the Site from the northeast to the southwest corner.

4.4 Mechanical Systems/Site Utilities

The Site area is currently served by public utilities including water, sewer, natural gas and electric, which are provided by the following entities:

UTILITIES			
System	Provider		
Heating System	None. It should be noted that the previously existing structures on the Site may have used heating fuel oil.		
Electrical	Win Energy		
Gas	Ohio Valley Gas Co.		
Potable Water	Pike-Gibson Water Inc. The former Site structures may have previously used a septic system.		
Sanitary Sewer	City of Petersburg		
Storm Sewer	City of Petersburg		

Based on the review of aerial photographs, the Site contained previous structures that may have historically utilized a septic system and individual water wells. Septic systems and water wells represent a direct pathway for organic solvents and/or petroleum constituents to be introduced to the subsurface soils and/or groundwater. However; based on the historical use of the Site; these do not present a REC to the Site.

The former Site structures may have also historically utilized heating fuel oil tanks. No tanks were observed during the reconnaissance; however, if heating fuel oil tanks are discovered during future development or construction activities, an environmental professional should be contacted.

4.5 Hazardous Substance/Petroleum Product Storage and Handling

During our inspection, no evidence of stored chemicals was observed on the Site. A walkthrough of the Site indicated no evidence of staining or stressed vegetation.

4.6 Waste Generation, Treatment, Storage, and Disposal

The Site consisted of unimproved land and no evidence of regulated waste, waste mismanagement or illegal dumping was observed on the Site.

Evidence of waste mismanagement or illegal dumping was not observed at the Site. However, A&W observed debris including scrap metal on the northwest portion of the Site (west of the River of Life Fellowship [342 CR 300 North]). Discarded siding and trim were observed on the southeast corner of the Site (near the pond west of North County Road 75 East). Based on visual observations, the debris does not represent an environmental concern; however, A&W recommends proper disposal of the debris.

4.7 Polychlorinated Biphenyls (PCBs)

4.7.1 Electrical Transformers

Electrical transformers were not observed on the Site.

4.7.2 Hydraulic Lifts

No evidence of existing or historical hydraulic lifts was observed at the time of the Site reconnaissance.

4.7.3 Elevators

The Site was unimproved; therefore, there are no elevators located on the Site.

4.7.4 Fluorescent Light Ballasts

The Site was unimproved; therefore, there were no fluorescent light ballasts observed on the Site.

4.8 Floor Drains

The Site was unimproved; therefore, no floor drains were observed on the Site.

4.9 Storage Tanks and Piping

4.9.1 Aboveground Storage Tanks (ASTs)

Aboveground storage tanks (ASTs) are considered possible sources of surface and subsurface contamination. These concerns are due to surface spills and other releases which may result from improper usage and filling procedures.

Evidence of current or historical uses of ASTs was not observed during the Site reconnaissance.

4.9.2 Underground Storage Tanks (USTs)

Evidence of current or historical uses of USTs such as fill ports, vent lines, ground surface depressions, or fuel islands was not observed on the Site during our investigation. Although no visual evidence of USTs was detected, the existence of an UST cannot be completely ruled out. Site improvements, renovations or obstructions may prohibit UST identification.

It should be noted that the former Site structures (residence on the northeast portion) may have historically utilized heating fuel oil tanks. No tanks were observed during the reconnaissance; however, if heating fuel oil tanks are discovered during future development or construction activities, an environmental professional should be contacted.

4.9.3 Gas Pipeline

According to a map provided by the Pike County Economic Development Corporation, a 4-inch natural gas pipeline is located on the northeast perimeter of the Site, along Indiana State Road 61. This natural gas pipeline is owned by Ohio Valley Gas Company. A&W attempted to contact Ohio Valley Gas and left a message by telephone and sent electronic-mail requesting information regarding spills, leaks or other issues with their pipeline in Pike County. As of the date of this report, no response has been received. If a response is received that alters the recommendations of this report, an addendum will be issued.

4.10 Surface Conditions

SURFACE CONDITIONS			
Condition Yes/No Description, if necessary		Description, if necessary	
Ground Cover		Grass, trees, gravel, and shrubbery	
Surface Staining	No		
Discoloration	No		
Stressed Vegetation	No		
Fill Material	Yes	According to a map provided by the Pike County Economic Development Corporation, the entire southwest portion of the Site (approximately half of the Site acreage) consisted of a fill area that was surface mined by the owners.	
Unusual Odors	No		
Standing Water	No		
Pooled liquid	No		
Sumps	No		
Pits, ponds or lagoons	Yes	Six (6) small ponds were located on the north-central and southeast portions of the Site.	
Wastewater Treatment Activities	No		
Wastewater Storage Activities	No		

5.0 ADJOINING PROPERTIES

5.1 Uses of Adjoining Properties

The adjoining properties consist primarily of agricultural and unimproved properties.

North: North of the Site is County Road 300 North, Indiana State Road 61, and the intersection of the two roads. Beyond this is residential land (265-397 County Road 300 North) and Preferred Automotive (417 County Road 300 North). Northeast of the Site is residential land (2878, 2891-2932 Indiana 61).

South: South of the Site is wooded land. Beyond this is a residence (1924 North, County Road 75 East).

East: East of the Site is North County Road 75 East. Beyond this is unimproved land.

West: West of the Site is unimproved land followed by Interstate-69.

5.2 Historical Maps of Adjoining Properties

Sanborn Maps

Sanborn maps were not published for the Site area.

Topographic Maps

Topographic maps have been revised from time to time and can allow the viewer to distinguish between structures originally present and structures that were constructed since the original map was published. Historic topographic maps reviewed during the course of this assessment are discussed below:

TOPOGRAPHIC MAPS					
Year	North	South	East	West	
1961	Gum Tree Road (C.R. 300 N.) followed by Indiana 61 to the northeast and a railroad to the northwest.	Unimproved land illustrated with several intermittent streams	North C.R. 75 E. followed by mostly unimproved land. A driveway and two buildings are illustrated center and east of the Site.	Several small ponds are illustrated along with a few buildings located southwest of the Site. Johnson Cemetery is illustrated due center and west of the Site.	

5.3 City Directories of Adjoining Properties

City directories provide listings of property occupant by street address. Haines, Polk, or Criss Cross City Directories were not published for this area.

5.4 Aerial Photographs of Adjoining Properties

Historical uses of the adjoining properties indicated by review of aerial photographs are summarized in the table below:

AERIAL PHOTOGRAPHS Adjoining Properties				
Year	North	South	East	West
1939*, 1949*, 1954*, 1966*, 1978*	Roads were located north and northeast of the Site. North of this appeared as unimproved land.	Unimproved and wooded land	A road followed by unimproved and wooded land	Unimproved land
1998	Roads were located north and northeast of the Site. A residential neighborhood appeared north of the roads.	A strip pit was surrounded by cleared and graded land. A pathway/driveway was located southeast of the Site.	A road followed by mostly unimproved and wooded land. A homestead/farmstead was visible east and center from the Site.	Mostly unimproved land. A driveway extending through the Site was located southwest.
2005	Roads were located north and northeast of the Site. A building and parking lot appeared south of the road but between the north, east, and west Site boundaries. A residential neighborhood appeared north of the roads.	A strip pit was surrounded by cleared and graded land. A pathway/driveway was located southeast of the Site.	A road followed by mostly unimproved and wooded land. The former structures on located east and center from the Site had been removed.	Mostly unimproved land. A driveway extending through the Site was located southwest.
2010	Roads were located north and northeast of the Site. A building and parking lot appeared south of the road but between the north, east, and west Site boundaries. A residential neighborhood appeared north of the roads.	A strip pit was surrounded by wooded land. A small building and driveway was located southeast of the Site.	A road followed by mostly unimproved and wooded land. The former structures on located east and center from the Site had been removed.	Mostly unimproved land. A driveway extending through the Site was located southwest.
2016	Roads were located north and northeast of the Site. A building and parking lot appeared south of the road but between the north, east, and west	The former strip pit was filled in and appeared as unimproved land. A small building and driveway was located southeast of the Site.	A road followed by mostly unimproved and wooded land. The former structures on located east and center from the Site had been removed.	Mostly unimproved land followed by Interstate-69. A driveway extending through the Site was located southwest.

	AERIAL PHOTOGRAPHS			
		Adjoining Proper	ties	
Year	North	South	East	West
	Site boundaries. A residential neighborhood appeared north of the roads.			

^{*}The aerial photographs are out of focus or have a scale that was too small to discern details.

6.0 REGULATORY FILE SEARCH

Environmental Data Resources Inc. (EDR) was contracted to complete a search of federal, State and tribal databases according to ASTM E1527-13. A copy of the EDR report is included in Appendix D. The federal, State and tribal databases that were reviewed and the minimum search distances are summarized below.

Database	Search Dist. (mi.)	Site Yes/No	Surrounding Properties
NPL	1.0	No	0
Proposed NPL	1.0	No	0
Delisted NPL	0.5	No	0
NPL Liens	Target Property	No	NA
CERCLIS	0.5	No	0
CERCLIS-NFRAP	0.5	No	0
RCRA-CORRACTS	1.0	No	0
RCRA-TSD	0.5	No	0
RCRA-Generator	Target Property/Adjoining	No	0
Institutional Control/Engineering Control	Target Property	No	NA
ERNS	Target Property	No	NA
State Landfill o NPL Equivalent	1.0	No	0
o CERCLIS Equivalent	0.5	No	0
LUST	0.5	No	0
UST	Target Property/Adjoining	No	0
IN Spills	Target Property/Adjoining	No	0
VCP	0.5	No	0
Dry Cleaners	0.25	No	0
Brownfield Facilities	0.5	No	0

The Site was not listed on the EDR Report; however, the IDEM VFC listed the Site under the alias Solar Sources Prides Creek Mine (2519 North C.R. 75 East). According to review of the information obtained from the IDEM VFC, the Site was strip-mined from at least 1985 to at least 2010. The Site strip-mining operations were entered into the National Pollutant Discharge Elimination System (NPDES) on May 2, 1985. Review of yearly inspections from 1985 to 2015 did not identify any violations. However, a Compliance Inspection Report was completed by the Indiana Department of Natural Resources Division of Reclamation (Indiana DNR) on 02/02/2016. This report indicated that several areas were held from release due to areas of erosion, lack of greater 70% ground cover consisting of at least 90% approved species, and areas that needed to be replanted with trees. Near a spillway located on the southeast portion of the Site, a fish kill was observed. A fish kill is a natural event that can occur during extreme winter weather conditions causing water temperature to fluctuate. The weather events during the winter of 2016 (snow and

ice) inhibited sunlight penetration and prevented aquatic plants and algae from producing enough oxygen, thus causing the fish kill. The Indiana DNR indicated that there were no water quality issues in the past with this specific sediment basin. The report indicated a pH of between 7.5 and 8.3 from the sampled discharged water. Review of documentation from the IDEM VFC did not identify any environmental concerns; however, it should be noted that Site has been historically used as strip-mine land and has been reclaimed with fill material or overburden that were located on or near the Site. According to an interview with the owner representative and review of documentation from the DNR Department of Reclamation, there was a small coal processing area on the east-central portion of the Site; however, no coal was said to be washed there. The former strip mining operations at the Site do not appear to represent a REC at this time.

Orphan facilities are those that EDR cannot locate because of a confusing location or inadequate address information. Ten (10) facilities were identified within the EDR database report as being orphan facilities. According to available address information obtained from the EDR database report and visual observations made on the way to and from the Site, these facilities are either not located within the applicable search radii of the Site, or could not be located due to incomplete address information.

A&W's review of the databases (including the orphan list) also considered the potential or likelihood of contamination from adjoining and nearby properties. Identified facilities were evaluated based on the type of database on which the facility was identified, regulatory status of the facility, the location and distance of the facility in regard to the Site and postulated groundwater flow direction.

The following information is a summary of information for adjoining or nearby facilities that were identified on the EDR database:

1. Preferred Automotive and Towing 317 East County Road 300 North Database(s) listed on: EDR Historical Automobile Station

This facility is located approximately 300 feet north (field checked during the Site reconnaissance) from the Site in a presumed upgradient direction. The EDR Report listed the facility as an EDR Historical Automobile Station in 2011 and 2012. During the Site reconnaissance, it was observed that this facility appeared to be in operation. The IDEM VFC did not contain any records for this facility. Due to the lack of violations and regulatory information, this facility does not appear to represent a REC to the Site at this time.

Based on a review of the EDR report, the remaining listed facilities do not pose a REC to the Site, based on type of listing, distance from the Site, absence of reported releases and/or estimated groundwater flow direction.

6.1 Tier I Vapor Encroachment Screening

The ASTM Standard E1527-13 indicates that vapor migration must be considered no differently than contaminated groundwater migration in the Phase I investigation. In order to address this requirement, A&W performed a desktop Tier I Vapor Encroachment Screening.



6.1.1 Area of Concern

According to the ASTM E2600-10, Section 8, "The area of concern is one-third (0.33) of a mile around the target property, unless the use of a shorter distance...is appropriate." In addition, "The approximate minimum search distance may be expanded or reduced in the up-gradient, down-gradient, and/or cross-gradient directions by the environmental professional conducting the Vapor Encroachment Screening (VES) based upon experience...." The standard indicated different search distances for petroleum and non-petroleum COCs (as indicated in Section 6.1.2 of this report).

6.1.2 Search Radius

A&W reviewed the findings of the EDR report regarding the search of federal, State and tribal databases according to the approximate minimum search distances provided in ASTM E2600-10.

Database	VES Non-Petroleum COC Search Dist. (mi.)	VES Petroleum COC Search Dist. (mi.)
NPL	0.33	0.1
CERCLIS	0.33	0.1
CERCLIS-NFRAP	0.33	0.1
RCRA-CORRACTS	Target Property	Target Property
RCRA-TSD	Target Property	Target Property
Institutional Control/Engineering Control	Target Property	Target Property
ERNS	Target Property	Target Property
State Landfill	0.33	0.1
NPL EquivalentCERCLIS Equivalent	0.33	0.1
LUST	0.33	0.1
UST	Target Property	Target Property
VCP	0.33	0.1
Brownfield Facilities	0.33	0.1

Based on a review of a topographic map, the groundwater flow direction at the Site is presumed to be toward the west. Soil and groundwater information pertaining to the Site was discussed in Section 2.3. A&W was not provided information from the User, Site Owner or Key Site Manager regarding specialized knowledge or experience of commonly known or reasonably ascertainable information within the local community about the Site that is material to the assessment of a Vapor Encroachment Condition (VEC) at the Site.

Review of documentation from the IDEM VFC did not identify any environmental concerns; however, it should be noted that Site has been historically used as strip-mine land and has been reclaimed with fill material or overburden. Since the property was reclaimed with overburden used from the mining operations, the former strip mining operations at the Site do not appear to represent a VEC at this time.

6.1.3 Surrounding Properties

As a general rule, the first step in determining if an adjoining or nearby property constitutes a potential VEC to the Site is determining the area of concern (AOC) based on presumed or known gradient considerations. To this end, using the ASTM E2600-10 appropriate search distances as a guideline, A&W utilizes the following distances when establishing an AOC: 1,760-feet in an upgradient direction; 100-feet in a downgradient direction and 365-feet in a crossgradient direction. Distance measurements are from the known or suspect contaminated property to the Site boundary.

The EDR Report identified Preferred Automotive and Towing (317 East County Road 300 North) north from the Site as an EDR Historical Automobile Station. The IDEM VFC did not contain any information on this facility. Based on the lack of regulatory documentation; this adjoining facility should not pose a VEC to the Site.

Based on a review of information contained in the EDR report and documentation obtained during this assessment, A&W did not identify additional adjoining or nearby facilities that represent a potential VEC to the Site.

Project No.: 16EV0018

7.0 Non-ASTM ISSUES

7.2 Flood Plains

The Federal Emergency Management Agency created Flood Insurance Rate Maps (FIRM) to identify historic flood plains. Flood plain maps for Pike County were reviewed at the FEMA online mapping site, and indicated that the Site was not located within a flood plain (see Appendix A).

7.2 Air Quality

A Current Nonattainment Areas Air Quality Map was reviewed by A&W. According to the map (dated 03/18/2015), Pike County, Washington Township and the Site were located in the nonattainment area for the 2010 1-hour SO₂ Standard. The Current Nonattainment Areas Map, produced by the Office of Air Quality is located in Appendix A.

BIBLIOGRAPHY

References:

- Aerial Photographs, Indiana Historical Aerial Photo Index and Google Earth
- Environmental EDR Report, Inquiry Number 4613718.2s, EDR Technology Corporation, dated May 10, 2016
- Sanborn Fire Insurance Maps, Saint Joseph County Public Library website
- U.S. Geological Survey, Petersburg, Indiana, 7.5-Minute Topographical Map: 1961
- Web Soil Survey of Pike County, Indiana, U.S. Department of Agriculture, Soil Conservation Service

Files:

- DNR Division of Reclamation Prides Creek Mine File # S-126
- IDEM Virtual File Cabinet
- Indiana Geological Survey Pike County Surface Coal Mine List
- FEMA Flood Maps online mapping site
- Current Nonattainment Areas Air Quality Map (2015)
- Pike County Economic Development I-69 Development Site #1
- Pike County Property Assessor Cards
- Pike County GIS database
- Pike County Zoning Map

Interviews/Questionnaire's:

- Mr. Michael Owen, Combined Key Site Manager/Owner Questionnaire
- Ms. Ashley P. Willis, User Questionnaire
- Ohio Valley Gas (attempted)
- Ms. Carol Austin, Pike County Chamber of Commerce
- Pike County Health Department (attempted)
- Fire Chief Mr. Rich Coan, Petersburg Volunteer Fire Department
- Mr. Tim Wright, DNR Office of Reclamation



June 20, 2016

Pike County Economic Development Corporation 1592 Indiana 61 Petersburg, Indiana 47567 Attn: Ms. Ashley P. Willis

RE: Environmental Professional Statement

340-Acre Tract

SWC of Indiana State Road 61 and

County Road 300 North Petersburg, Indiana

Alt & Witzig Project No.: 16EV0018

Dear Ms. Willis:

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

Sincerely,

ALT & WITZIG CONSULTING SERVICES

Chris Newton

Project Geologist

Environmental Division

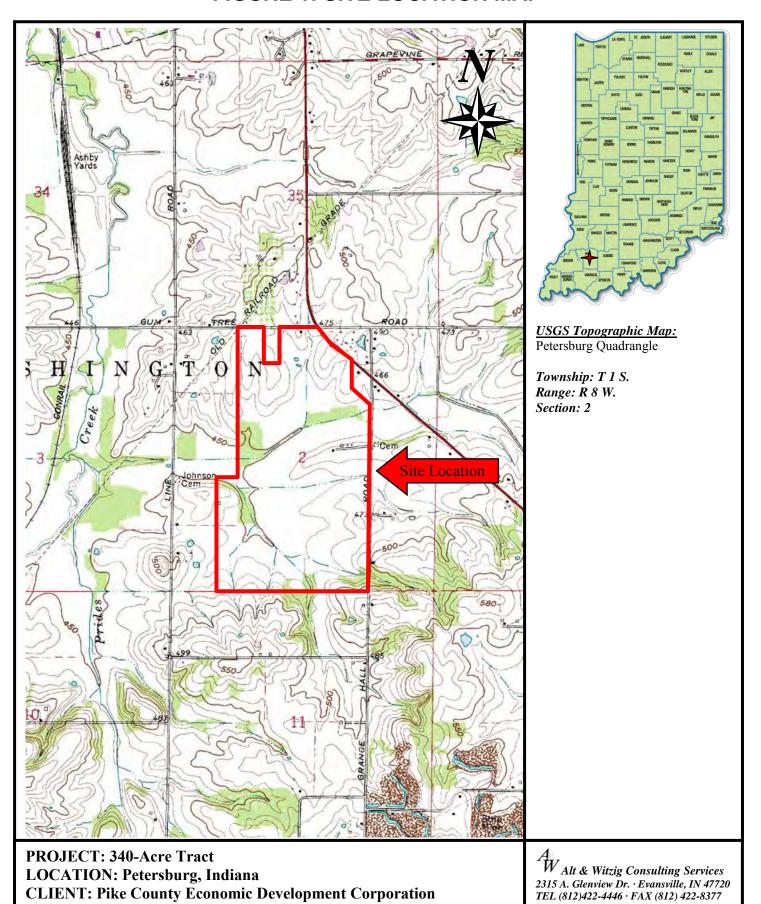
Corris Deta

John C. Flannelly

Senior Project Manager Environmental Division

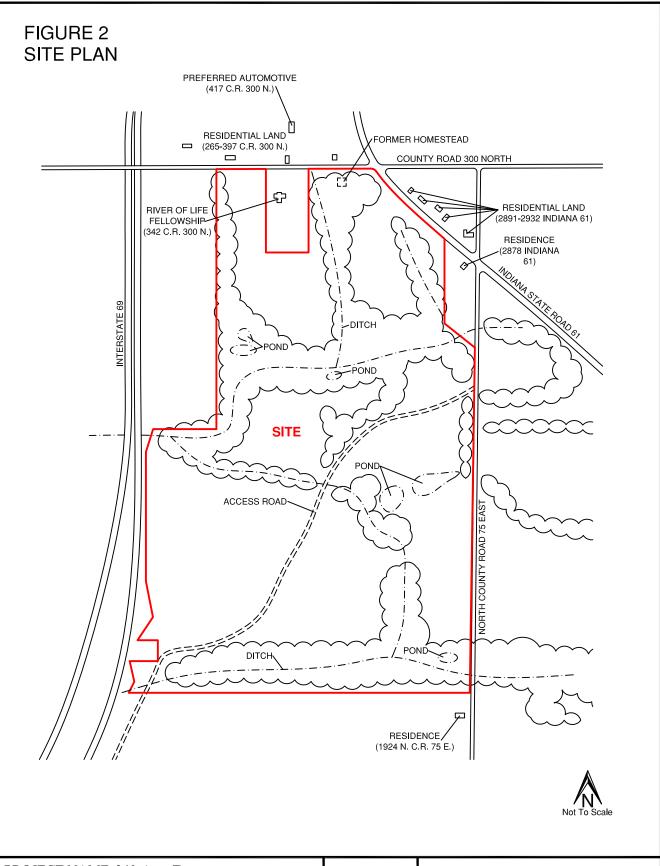
APPENDIX A
Figures

FIGURE 1: SITE LOCATION MAP



A&W File No.: 16EV0018

www.altwitzig.com



PROJECT NAME: 340-Acre Tract LOCATION: Petersburg, Indiana

CLIENT: Pike County Economic Development Corp.

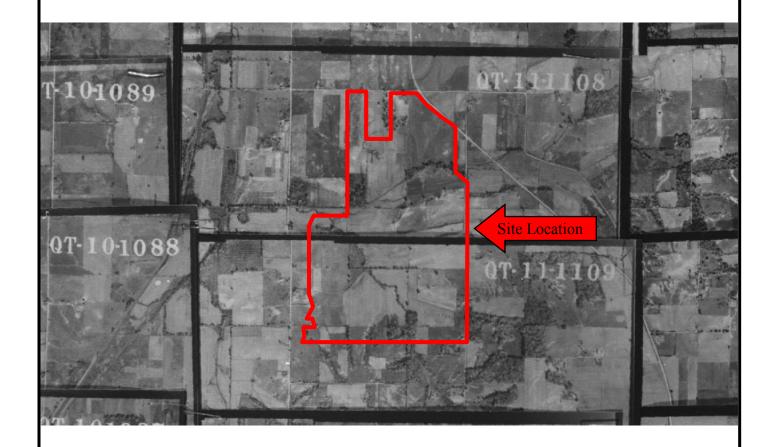
PROJECT NO: 16EV0018

Project Manager: CN
Checked By: JF
Drawn By: JT

Date: 05/16

Alt & Witzig Consulting Services 2315 A. Glenview Dr. • Evansville, IN 47720 Telephone: (812) 422-4446 • Fax (812) 422-8377





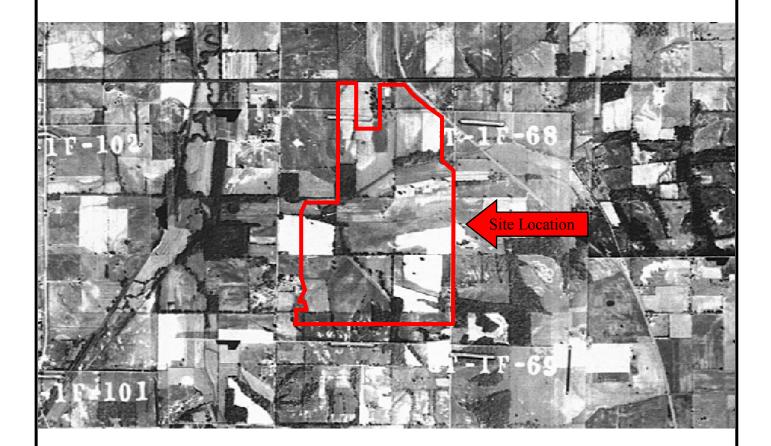
PROJECT: 340-Acre Tract LOCATION: Petersburg, Indiana

CLIENT: Pike County Economic Development Corporation

A&W File No.: 16EV0018

FIGURE 4: 1949 AERIAL



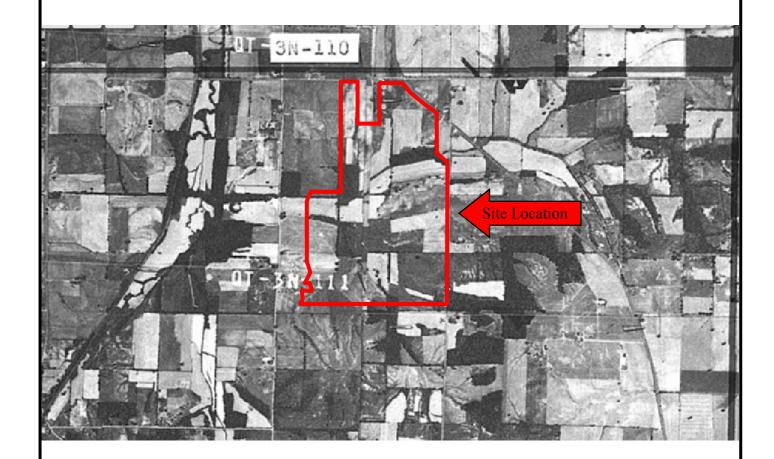


PROJECT: 340-Acre Tract LOCATION: Petersburg, Indiana

CLIENT: Pike County Economic Development Corporation

A&W File No.: 16EV0018





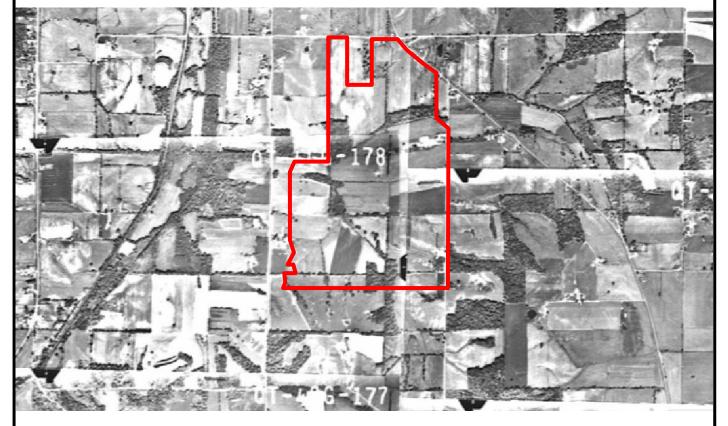
PROJECT: 340-Acre Tract LOCATION: Petersburg, Indiana

CLIENT: Pike County Economic Development Corporation

A&W File No.: 16EV0018

FIGURE 6: 1966 AERIAL





PROJECT: 340-Acre Tract LOCATION: Petersburg, Indiana

CLIENT: Pike County Economic Development Corporation

A&W File No.: 16EV0018





PROJECT: 340-Acre Tract LOCATION: Petersburg, Indiana

CLIENT: Pike County Economic Development Corporation

A&W File No.: 16EV0018





PROJECT: 340-Acre Tract

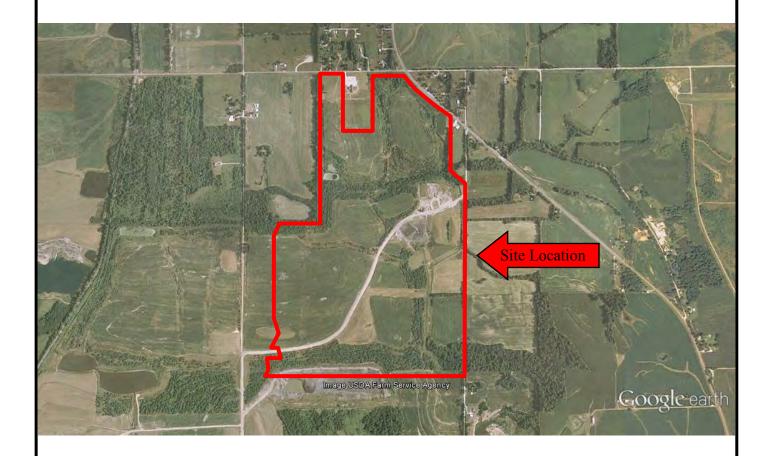
LOCATION: Petersburg, Indiana

CLIENT: Pike County Economic Development Corporation

A&W File No.: 16EV0018

W Alt & Witzig Consulting Services 2315 A. Glenview Dr. · Evansville, IN 47720 TEL (812)422-4446 · FAX (812) 422-8377 www.altwitzig.com





PROJECT: 340-Acre Tract LOCATION: Petersburg, Indiana

CLIENT: Pike County Economic Development Corporation

A&W File No.: 16EV0018

W Alt & Witzig Consulting Services 2315 A. Glenview Dr. · Evansville, IN 47720 TEL (812)422-4446 · FAX (812) 422-8377 www.altwitzig.com





PROJECT: 340-Acre Tract LOCATION: Petersburg, Indiana

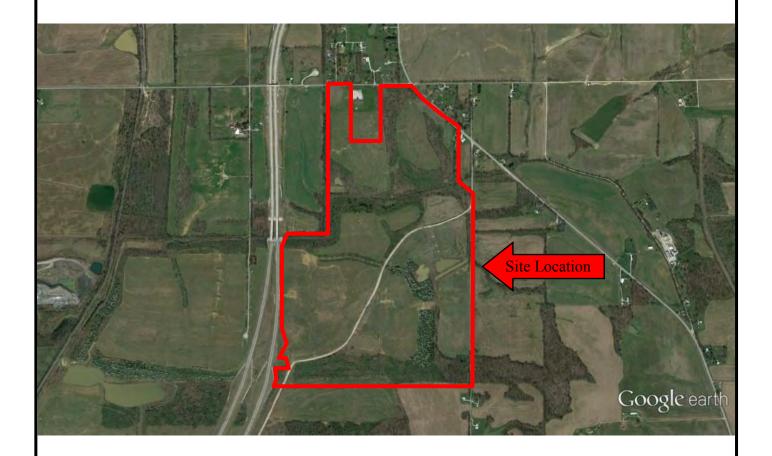
CLIENT: Pike County Economic Development Corporation

A&W File No.: 16EV0018

A W Alt & Witzig Consulting Services 2315 A. Glenview Dr. · Evansville, IN 47720 TEL (812)422-4446 · FAX (812) 422-8377 www.altwitzig.com

FIGURE 11: 2016 AERIAL





PROJECT: 340-Acre Tract LOCATION: Petersburg, Indiana

CLIENT: Pike County Economic Development Corporation

A&W File No.: 16EV0018

W Alt & Witzig Consulting Services 2315 A. Glenview Dr. · Evansville, IN 47720 TEL (812)422-4446 · FAX (812) 422-8377 www.altwitzig.com

APPENDIX B
Property Records

63-06-02-100-027.000-011

ADMINISTRATIVE INFORMATION

PARCEL NUMBER

63-06-02-100-027.000-011 Parent Parcel Number 011-00090-01

Property Address N ST RD 61

Neighborhood

1120 washington homesites

Property Class 101 Agri Cash grain/general farm

TAXING DISTRICT INFORMATION

Jurisdiction Area 011 Corporation Ν 011 District 2 Section & Plat Routing Number 0.000

Site Description

Topography:

Public Utilities:

Street or Road:

Neighborhood:

OWNERSHIP

Solar Sources Inc P O Box 47068 Indianapolis, IN 46247

011-00090-01 N SI WH NE 2 1S 8 32.886A

Solar Sources Inc

Tax ID 0110009001

Printed 5/20/2016

101

N ST RD 61

AGRICULTURAL

VALUATION RECORD

Assessment Year		03/01/2010	03/01/2011	03/01/2012	03/01/2013	03/01/2014	03/01/2015	
Reason For Chang	je 21	I -TRENDING	21 -TRENDING	51- Annual Reas	51- Annual Reas	51- Annual Reas	51- Annual Reas	
VALUATION	L	14000	16800	18300	19800	23000	23000	
Appraised Value	В	0	0	0	0	0	0	
	Т	14000	16800	18300	19800	23000	23000	
VALUATION	L	14000	16800	18300	19800	23000	23000	
True Tax Value	В	0	0	0	0	0	0	
	т	14000	16800	18300	19800	23000	23000	

LAND DATA AND CALCULATIONS

Zoning: Legal Acres: 32.8860		Land Type	Rating Soil ID -or- Actual Frontage	Measured Acreage -or- Effective Frontage	Table 120 Effective Depth	Prod. Factor -or- Depth Factor -or- Square Feet	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value Value
	1	PUBLIC ROAD/ROW	<none></none>	1.1200		1.00	1960.00	1960.00	2200	0 -100%	0
	2	NONTILLABLE LAND	ADB2	6.6700		1.02	1960.00	1999.00	13330	0 -60%	5330
	3	NONTILLABLE LAND	BG	13.3300		1.11	1960.00	2176.00	29010	0 -60%	11600
	4	NONTILLABLE LAND	HOC3	16.2160		0.64	1960.00	1254.00	20330	0 -60%	8130

ai : Associate Parcel ID 011041 027090000 Id: Legal Description N SI WH NE 2 1S 8 34A SPLIT1.114A TO PARCEL 0110009004 1/17/2007 TD

FARMLAND COMPUTATIONS

TOTAL ACRES FARMLAND

Parcel Acreage 81 Legal Drain NV 82 Public Roads NV 83 UT Towers NV 9 Homesites(s) 91/92 Excess Acreage

32.8860

31.7660

Measured Acreage Average True Tax Value/Acre TRUE TAX VALUE FARMLAND

Classified Land Total Homesite(s) Value Excess Acreage Value

Supplemental Cards TOTAL LAND VALUE

Supplemental Cards

TRUE TAX VALUE

23000

37.3360

671

23000

25060

63-06-02-200-002.000-011

Solar Sources Inc

OWNERSHIP

Tax ID 0110009000

E CR 350 N

Printed 5/20/2016

101

ADMINISTRATIVE INFORMATION

PARCEL NUMBER 63-06-02-200-002.000-011

Parent Parcel Number 011-00090-00

Property Address E CR 350 N

Neighborhood 1120 washington homesites

Property Class

101 Agri Cash grain/general farm

TAXING DISTRICT INFORMATION

Jurisdiction Area 011 Corporation Ν 011 District 2 Section & Plat Routing Number 0.000

Site Description

Topography: High, Rolling Public Utilities: Water, Electric Street or Road: Unpaved Neighborhood:

Declining Zoning:

Legal Acres: 70.0000

Solar Sources Inc P O Box 47068

Indianapolis, IN 46247-0068

011-00090-00 EH NW 2 1S 8 70A

Rating

Measured

AGRICULTURAL

VALUATION RECORD

Assessment Year		03/01/2010	03/01/2011	03/01/2012	03/01/2013	03/01/2014	03/01/2015
Reason For Chang	je 21	-TRENDING	21 -TRENDING	51- Annual Reas	51- Annual Reas	51- Annual Reas	51- Annual Reas
VALUATION	L	36400	42500	46100	49800	58000	58000
Appraised Value	В	0	0	0	0	0	0
	Т	36400	42500	46100	49800	58000	58000
VALUATION	L	36400	42500	46100	49800	58000	58000
True Tax Value	В	0	0	0	0	0	0
	т	36400	42500	46100	49800	58000	58000

LAND DATA AND CALCULATIONS

	Land Type	-or- Actual Frontage	-or- Effective Frontage	120 Effective Depth	Depth Factor -or- Square Feet	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value Value
1	PUBLIC ROAD/ROW	<none></none>	0.6000		1.00	1960.00	1960.00	1180	0 -100%	0
2	NONTILLABLE LAND	ADB2	15.6700		1.02	1960.00	1999.00	31320	0 -60%	12530
3	NONTILLABLE LAND	ADC2	25.3300		0.94	1960.00	1842.00	46660	0 -60%	18660
4	NONTILLABLE LAND	BG	15.3300		1.11	1960.00	2176.00	33360	0 -60%	13340
5	NONTILLABLE LAND	ВО	14.6700		1.06	1960.00	2078.00	30480	0 -60%	12190

Prod. Factor

001: LAND VALUES HAVE BEEN COMPUTED ON 45A FOR THIS PARCEL. THE OTHER 35 ACRES ARE COMPUTED AS PIT LAND ON PARCEL 009-000-000-000-001 STB DENIED THE COUNTY ASSESSING OF PIT LAND ON THIS PARCEL 11-19-

ACRES ADDED BACK TO THIS PARCEL

ai : Associate Parcel ID 011041 002090000 Id: Legal Description EH NW 2 1S 8 70A

SPLIT 7.00A & 3.00A TO 0110009002 & 0110009003

04/30/03 JLH

FARMLAND COMPUTATIONS

TOTAL ACRES FARMLAND

Parcel Acreage 81 Legal Drain NV 82 Public Roads NV 83 UT Towers NV 9 Homesites(s) 91/92 Excess Acreage

70.0000 0.6000

69.4000

Measured Acreage Average True Tax Value/Acre

TRUE TAX VALUE FARMLAND Classified Land Total

Homesite(s) Value Excess Acreage Value

Supplemental Cards

Supplemental Cards

TRUE TAX VALUE

TOTAL LAND VALUE 58000

56720

71.6000

792

58000

63-06-02-100-030.000-011

ADMINISTRATIVE INFORMATION

63-06-02-100-030.000-011

Parent Parcel Number 011-00343-00

PARCEL NUMBER

Property Address N CR 75 E

Neighborhood

1120 washington homesites

Property Class

100 Agri Vacant land

TAXING DISTRICT INFORMATION

Jurisdiction Area 011 Corporation Ν District 011 Section & Plat 2 Routing Number 0.000

Site Description

Topography: High

Public Utilities: Electric

Street or Road: Unpaved

Neighborhood: Declining

Zoning:

Legal Acres: 24.8900

OWNERSHIP Solar Sources Inc P O Box 47068 Indianapolis, IN 46247

011-00343-00 S SI SW NE 2 1S 8 24.89A

Rating

Measured

Solar Sources Inc

N CR 75 E Printed 5/20/2016 Tax ID 0110034300

AGRICULTURAL

VALUATION RECORD

Assessment Year		03/01/2010	03/01/2011	03/01/2012	03/01/2013	03/01/2014	03/01/2014	03/01/2015	
Reason For Chan	ge 21	-TRENDING	21 -TRENDING	51- Annual Reas	51- Annual Reas	04- Board of Re	51- Annual Reas	51- Annual Reas	
VALUATION	L	19100	21200	23900	25100	15700	18300	18300	
Appraised Value	В	4300	4300	0	0	0	0	0	
	Т	23400	25500	23900	25100	15700	18300	18300	
VALUATION	L	19100	21200	23900	25100	15700	18300	18300	
True Tax Value	В	4300	4300	0	0	0	0	0	
	т	23400	25500	23900	25100	15700	18300	18300	

LAND DATA AND CALCULATIONS

	Land Type	-or- Actual Frontage	-or- Effective Frontage	120 120 Effective Depth	-or- Depth Factor -or- Square Feet	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value Value
1	PUBLIC ROAD/ROW	<none></none>	0.4500		1.00	1960.00	1960.00	880	0 -100%	0
3	NONTILLABLE LAND	ADB2	2.5600		1.02	1960.00	1999.00	5120	0 -60%	2050
4	NONTILLABLE LAND	ADC2	2.6700		0.94	1960.00	1842.00	4920	0 -60%	1970
5	NONTILLABLE LAND	BG	12.0000		1.11	1960.00	2176.00	26110	0 -60%	10440
6	NONTILLABLE LAND	CLF	6.6700		0.50	1960.00	980.00	6540	0 -60%	2620

Prod. Factor

ai : Associate Parcel ID 011041 030090000 Id: Legal Description S SI SW NE 2 1S 8 25A

SPLIT .11A TO PARCEL 0110034303 01/17/2007 TD FORM 130 5/2016 REMOVED HOMESITE

Supplemental Cards

TRUE TAX VALUE

17080

100

FARMLAND COMPUTATIONS

Parcel Acreage 81 Legal Drain NV 82 Public Roads NV 83 UT Towers NV 9 Homesites(s) 91/92 Excess Acreage

TOTAL ACRES FARMLAND

0.4500

24.8900

24,4400

Average True Tax Value/Acre TRUE TAX VALUE FARMLAND Classified Land Total Homesite(s) Value

Measured Acreage

Excess Acreage Value

Supplemental Cards TOTAL LAND VALUE

18300

24.3500

701

18300

63-06-02-300-029.000-011

Solar Sources Inc

OWNERSHIP

N MERIDIAN RD

Printed 5/20/2016

101

ADMINISTRATIVE INFORMATION

PARCEL NUMBER 63-06-02-300-029.000-011

Parent Parcel Number

Property Address N MERIDIAN RD

Neighborhood 1120 washington homesites

Property Class

101 Agri Cash grain/general farm

TAXING DISTRICT INFORMATION

Jurisdiction Area 011 Corporation Ν District 011 Section & Plat 2 Routing Number 0.000

Site Description

Topography:

Public Utilities:

Street or Road:

Neighborhood:

Zoning: Legal Acres: 40.0000

Tax ID 0110034302

Solar Sources Inc

P O Box 47068 Indianapolis, IN 46247

011-00343-02 NE SW 2 1S 8 40A

AGRICULTURAL

VALUATION RECORD

Assessment Year		03/01/2010	03/01/2011	03/01/2012	03/01/2013	03/01/2014	03/01/2015
Reason For Chang	ge 21	-TRENDING	21 -TRENDING	51- Annual Reas	51- Annual Reas	51- Annual Reas	51- Annual Reas
VALUATION	L	21800	25400	27600	29800	34800	34800
Appraised Value	В	0	0	0	0	0	0
	Т	21800	25400	27600	29800	34800	34800
VALUATION	L	21800	25400	27600	29800	34800	34800
True Tax Value	В	0	0	0	0	0	0
	Т	21800	25400	27600	29800	34800	34800

LAND DATA AND CALCULATIONS

	Land Type	Rating Soil ID -or- Actual Frontage	Measured Acreage -or- Effective Frontage	Table 120 Effective Depth	Prod. Factor -or- Depth Factor -or- Square Feet	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value Value
1	NONTILLABLE LAND	ADC2	1.3300		0.94	1960.00	1842.00	2450	0 -60%	980
2	NONTILLABLE LAND	BG	6.6700		1.11	1960.00	2176.00	14510	0 -60%	5800
3	NONTILLABLE LAND	ВО	26.6700		1.06	1960.00	2078.00	55420	0 -60%	22170
4	NONTILLABLE LAND	HOC3	1.3300		0.64	1960.00	1254.00	1670	0 -60%	670
5	NONTILLABLE LAND	WA	4.0000		1.15	1960.00	2254.00	9020	0 -60%	3610

ai : Associate Parcel ID 011041 029090000 ld: Legal Description NE SW 2 1S 8 40A

Supplemental Cards

TOTAL LAND VALUE

TRUE TAX VALUE

33230

FARMLAND COMPUTATIONS

Parcel Acreage 81 Legal Drain NV 82 Public Roads NV 83 UT Towers NV 9 Homesites(s) 91/92 Excess Acreage

TOTAL ACRES FARMLAND

40.0000

Measured Acreage 40.0000 Average True Tax Value/Acre TRUE TAX VALUE FARMLAND

Classified Land Total Homesite(s) Value Excess Acreage Value

Supplemental Cards

34800

40.0000

34800

831

63-06-02-400-017.000-011

ADMINISTRATIVE INFORMATION

PARCEL NUMBER 63-06-02-400-017.000-011

Parent Parcel Number

Property Address N CR 75 E

Neighborhood

1120 washington homesites

Property Class

101 Agri Cash grain/general farm

TAXING DISTRICT INFORMATION

Jurisdiction Area 011 Corporation Ν District 011 Section & Plat 2 Routing Number 0.000

Site Description

Topography:

Public Utilities:

Street or Road:

Neighborhood:

Legal Acres: 40.0000

Zoning:

Solar Sources Inc

OWNERSHIP Solar Sources Inc P O Box 47068 Indianapolis, IN 46247

011-00343-01 NW SE 2 1S 8 40A

Rating

Measured

N CR 75 E

Printed 5/20/2016

AGRICULTURAL

Tax ID 0110034301

VALUATION RECORD

Assessment Year		03/01/2010	03/01/2011	03/01/2012	03/01/2013	03/01/2014	03/01/2015
Reason For Chang	ge 2º	1 -TRENDING	21 -TRENDING	51- Annual Reas	51- Annual Reas	51- Annual Reas	51- Annual Reas
VALUATION	L	19000	22100	24000	25900	30100	30100
Appraised Value	В	0	0	0	0	0	0
•	Т	19000	22100	24000	25900	30100	30100
VALUATION	L	19000	22100	24000	25900	30100	30100
True Tax Value	В	0	0	0	0	0	0
	т	19000	22100	24000	25900	30100	30100

LAND DATA AND CALCULATIONS

	Land Type	Soil ID -or- Actual Frontage	Acreage -or- Effective Frontage	Table 120 Effective Depth	-or- Depth Factor -or- Square Feet	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value Value
1	PUBLIC ROAD/ROW	<none></none>	0.6100		1.00	1960.00	1960.00	1200	0 -100%	0
2	NONTILLABLE LAND	ADB2	2.6700		1.02	1960.00	1999.00	5340	0 -60%	2140
	NONTILLABLE LAND	ADC2	2.6700		0.94	1960.00	1842.00	4920	0 -60%	1970
	NONTILLABLE LAND	BG	18.6700		1.11	1960.00	2176.00	40630	0 -60%	16250
5	NONTILLABLE LAND	HOB2	6.6700		0.81	1960.00	1588.00	10590	0 -60%	4240
6	NONTILLABLE LAND	HOC3	9.3300		0.64	1960.00	1254.00	11700	0 -60%	4680

Prod. Factor

ai : Associate Parcel ID 011041 017090000 Id: Legal Description NW SE 2 1S 8 40A

Supplemental Cards

TRUE TAX VALUE

29280

40.6200

30100

721

101

FARMLAND COMPUTATIONS

TOTAL ACRES FARMLAND

Parcel Acreage 81 Legal Drain NV 82 Public Roads NV 83 UT Towers NV 9 Homesites(s) 91/92 Excess Acreage

40.0000 0.6100

39.3900

Average True Tax Value/Acre

TRUE TAX VALUE FARMLAND Classified Land Total Homesite(s) Value

Measured Acreage

Excess Acreage Value

Supplemental Cards TOTAL LAND VALUE

30100

63-06-02-400-031.000-011

ADMINISTRATIVE INFORMATION

PARCEL NUMBER

Parent Parcel Number

63-06-02-400-031.000-011

Property Address

N CR 75 E Neighborhood

1120 washington homesites

Property Class

100 Agri Vacant land

TAXING DISTRICT INFORMATION

Jurisdiction Area 011 Corporation Ν District 011 Section & Plat 2 Routing Number 0.000

Site Description

Topography:

Public Utilities:

Street or Road:

Neighborhood:

Zoning: Legal Acres: 40.0000

Solar, Sources

Solar, Sources P O Box 47068 Indianapolis, IN 46247

011-00254-10 SW SE 2 1S 8 40A

OWNERSHIP

Tax ID 0110025410

Printed 5/20/2016

N CR 75 E

100

AGRICULTURAL

VALUATION RECORD

Assessment Year		03/01/2010	03/01/2011	03/01/2012	03/01/2013	03/01/2014	03/01/2014	03/01/2015	
Reason For Chang	ge 21	-TRENDING	21 -TRENDING	51- Annual Reas	51- Annual Reas	04- Board of Re	51- Annual Reas	51- Annual Reas	
VALUATION	L	33500	38900	42300	45600	28700	33400	33400	
Appraised Value	В	0	0	0	0	0	0	0	
	Т	33500	38900	42300	45600	28700	33400	33400	
VALUATION	L	33500	38900	42300	45600	28700	33400	33400	
True Tax Value	В	0	0	0	0	0	0	0	
	т	33500	38900	42300	45600	28700	33400	33400	

LAND DATA AND CALCULATIONS

	Land Type	Rating Soil ID -or- Actual Frontage	Measured Acreage -or- Effective Frontage	Table 120 Effective Depth	Prod. Factor -or- Depth Factor -or- Square Feet	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value Value
1	TILLABLE LAND	BG	0.2200		1.11	1960.00	2176.00	480		480
2	TILLABLE LAND	FAB	0.5600		0.75	1960.00	1470.00	820		820
3	TILLABLE LAND	HOB2	6.7700		0.81	1960.00	1588.00	10750		10750
1	TILLABLE LAND	HOC3	3.7000		0.64	1960.00	1254.00	4640		4640
5	NONTILLABLE LAND	FAB	8.1600		0.75	1960.00	1470.00	12000	0 -60%	4800
6	WOODLAND	ADB2	0.1100		1.02	1960.00	1999.00	220	0 -80%	40
7	NONTILLABLE LAND	FAB	13.2300		0.75	1960.00	1470.00	19450	0 -60%	7780
8	WOODLAND	HOB2	1.0000		0.81	1960.00	1588.00	1590	0 -80%	320
9	WOODLAND	HOC3	1.9300		0.64	1960.00	1254.00	2420	0 -80%	480
10	WOODLAND	WA	2.5500		1.15	1960.00	2254.00	5750	0 -80%	1150
11	WOODLAND	ZAD3	1.2000		0.50	1960.00	980.00	1180	0 -80%	240

001: SPLIT 5-28-91 ai : Associate Parcel ID 011041 031090000 ld : Legal Description SW SE 2 1S 8 40A

Supplemental Cards

TRUE TAX VALUE

31500

39.4300

799

33400

FARMLAND COMPUTATIONS

TOTAL ACRES FARMLAND

Parcel Acreage 81 Legal Drain NV 82 Public Roads NV 83 UT Towers NV 9 Homesites(s) 91/92 Excess Acreage

40.0000

Measured Acreage 40.0000 Average True Tax Value/Acre TRUE TAX VALUE FARMLAND Classified Land Total

Homesite(s) Value

Excess Acreage Value

Supplemental Cards

TOTAL LAND VALUE 33400

63-06-02-300-019.000-011

washington homesites

101 Agri Cash grain/general farm TAXING DISTRICT INFORMATION

011

Ν 011

2

PARCEL NUMBER

Property Class

Jurisdiction

Corporation

Section & Plat Routing Number 0.000

Site Description Topography: High, Rolling Public Utilities: Water, Gas, Electric Street or Road: Unpaved

Neighborhood:

Zoning: Legal Acres: 90.4900

Area

District

Parent Parcel Number

63-06-02-300-019.000-011

63-06-02-300-019.000-011 Property Address N MERIDIAN RD Neighborhood 1120

Solar Sources Inc

Tax ID 0110025500

N MERIDIAN RD

Printed 5/20/2016

101

ADMINISTRATIVE INFORMATION OWNERSHIP

Solar Sources Inc P O Box 47068 Indianapolis, IN 46247

011-00255-00 PT SW 2 1S 8 90.49A

Rating

Measured

TRANSFER OF OWNERSHIP

Transfer From Book/Page-Document Consideration 07/14/2011 Bk: 232 - Pg: 728 \$0.00 Solar Sources Inc

AGRICULTURAL

VALUATION RECORD

				_					
Assessment Year		03/01/2010	03/01/2011	03/01/2012	03/01/2012	03/01/2013	03/01/2014	03/01/2015	
Reason For Chang	ge 21	-TRENDING	21 -TRENDING	01- Split	51- Annual Reas	51- Annual Reas	51- Annual Reas	51- Annual Reas	
VALUATION	L	115000	133800	74900	81400	87900	102400	102400	
Appraised Value	В	0	0	0	0	0	0	0	
77	Т	115000	133800	74900	81400	87900	102400	102400	
VALUATION	L	115000	133800	74900	81400	87900	102400	102400	
True Tax Value	В	0	0	0	0	0	0	0	
	т	115000	133800	74900	81400	87900	102400	102400	

LAND DATA AND CALCULATIONS

	Land Type	Soil ID -or- Actual Frontage	Acreage -or- Effective Frontage	Table 120 Effective Depth	-or- Depth Factor -or- Square Feet	Base Rate	Adjusted Rate	Extended Value	Influence Factor	Value Value
1	PUBLIC ROAD/ROW	ADA	1.1700		1.00			0	0 -100%	0
2	TILLABLE LAND	FAB	60.7112		0.75	1960.00	1470.00	89250		89250
3	WOODLAND	ВО	2.7899		1.06	1960.00	2078.00	5800	0 -80%	1160
4	WOODLAND	FAB	24.1298		0.75	1960.00	1470.00	35470	0 -80%	7090
5	WOODI AND	FBG	1 6910		0.50	1960.00	980.00	1660	0 -80%	330

Prod. Factor

001: LAND VALUES HAVE BEEN COMPUTED ON 74.5A FOR THIS PARCEL, THE OTHE

45 ACRES ARE COMPUTED AS HAULAGE ROAD ON PARCEL 009-000-000-00-00 02

STB DENIED THE COUNTY ASSESSING OF HAULAGE ROAD ON THIS PARCEL11-19-93

ACRES ADDED BACK TO THIS PARCEL

ai : Associate Parcel ID 011041 019090000 Id: Legal Description PT SW 2 1S 8 90.49A 7-14-11 SOLAR TO INDOT 3PARCELS ALL SPLITS \$220,000. .113 OF 10AC TRACT 29.01AC OF 119.50AC TRACT AND 6.896AC OF 80 ACRE TRACT

FARMLAND COMPUTATIONS

TOTAL ACRES FARMLAND

Parcel Acreage 81 Legal Drain NV 82 Public Roads NV 83 UT Towers NV 9 Homesites(s) 91/92 Excess Acreage 90.4900

89.3200

1.1700

Measured Acreage Average True Tax Value/Acre TRUE TAX VALUE FARMLAND

Classified Land Total Homesite(s) Value Excess Acreage Value

Supplemental Cards TOTAL LAND VALUE

Supplemental Cards

TRUE TAX VALUE

102400

90.4919

102400

1081

97830

APPENDIX CSite Photographs



Photo View of coal seams in fill areas on #1: southwest corner of the Site.



Photo View northeast from the southwest #2: corner of the Site.



Photo View southeast from the west central portion of the Site.



Photo View northeast from the west central #4: portion of the Site.



Photo View north from the center of the #5: Site.



Photo View northwest from the center of #6: the Site.



Photo View west from the center of the #7: Site, along the access road.



Photo View southeast from the center of the #8: Site, along the access road.



Photo View of signs near the entrance of the #9: Site.



Photo View southwest from the central east #10: portion of the Site.



Photo View south from the central east #11: portion of the Site.



Photo View northwest from the central east #12: portion of the Site, towards pond.



Photo View southwest of the Site, along #13: North County Road 75 East.



Photo View west, from the southeast corner #14: of the Site.



Photo View northwest from the southeast #15: corner of the Site.



Photo View north from the northwest #16: portion of the Site.



Photo View south from the northwest #17: portion of the Site.



Photo View east from the north portion of #18: the Site.



Photo View northeast of the Site. #19:



Photo View east from the northeast portion #20: of the Site.



Photo View of metal scrap on the northwest #21: portion of the Site.



Photo View south from the northeast #22: portion of the Site.

APPENDIX D
Environmental Data Resources, Inc. Report

Petersburg Development

198-100 County Road 100 Petersburg, IN 47567

Inquiry Number: 4613718.2s

May 10, 2016

The EDR Radius Map™ Report

Prepared using the EDR FieldCheck® System



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Orphan Summary	. 9
Government Records Searched/Data Currency Tracking	GR-1
GEOCHECK ADDENDUM	

GeoCheck - Not Requested

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 the environmental records was conducted by Environmental Data Resources, Inc. (EDR). ALT & WITZIG CONSULTING SERVICES used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by ALT & WITZIG CONSULTING SERVICES. 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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

198-100 COUNTY ROAD 100 PETERSBURG, IN 47567

COORDINATES

Latitude (North): 38.4577010 - 38° 27' 27.72" Longitude (West): 87.2698010 - 87° 16' 11.28"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 476459.6 UTM Y (Meters): 4256427.5

Elevation: 455 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5944406 PETERSBURG, IN

Version Date: 2013

East Map: 5944424 WINSLOW, IN

Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120613, 20120606

Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 198-100 COUNTY ROAD 100 PETERSBURG, IN 47567

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
1		317 E COUNTY ROAD 30	EDR Hist Auto	Higher	36, 0.007, NNW

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Federal NF	PL site list
------------	--------------

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
	Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

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 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

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

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

SWRCY...... Recycling Facilities SWTIRE...... Waste Tire Sites Listing

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

Other Ascertainable Records

RCRA NonGen / NLR______ RCRA - Non Generators / No Longer Regulated

FUDS...... Formerly Used Defense Sites DOD...... Department of Defense Sites

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

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TSCA..... Toxic Substances Control Act

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

RAATS______RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

Act)/TSCA (Toxic Substances Control Act)

MLTS...... Material Licensing Tracking System COAL ASH DOE...... Steam-Electric Plant Operation Data

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

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

UXO...... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing

AIRS..... Permitted Sources & Emissions 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 Permit Listing

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

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

ECHO..... Enforcement & Compliance History Information

FUELS PROGRAM..... EPA Fuels Program Registered Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants EDR Hist Cleaner.... EDR Exclusive Historic Dry 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 identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: 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.

An online review and analysis by ALT & WITZIG CONSULTING SERVICES of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	317 E COUNTY ROAD 30	NNW 0 - 1/8 (0.007 mi.)	1	8

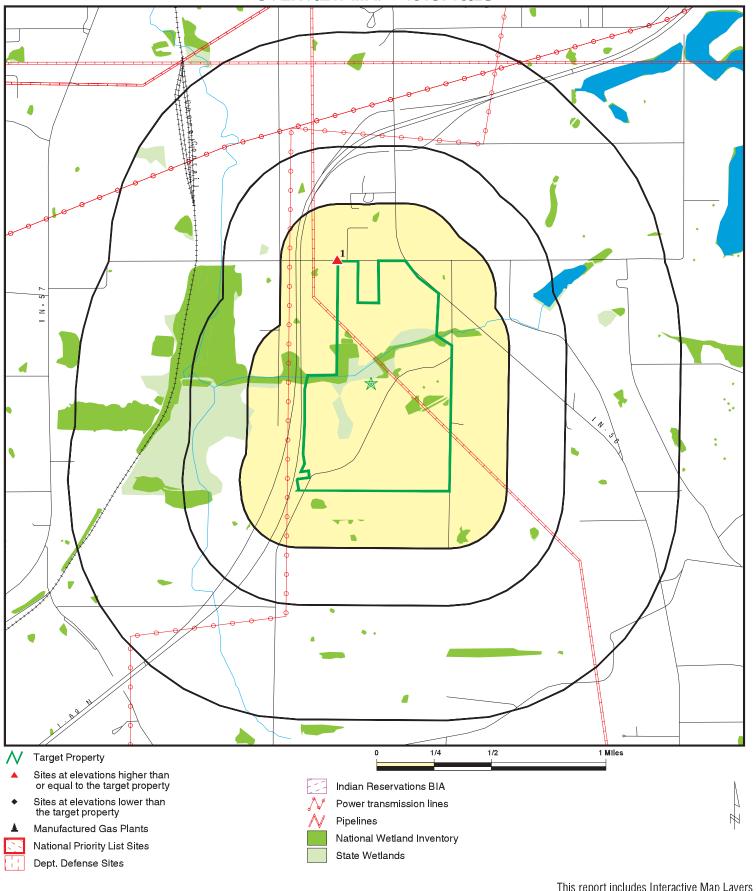
Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

Site Name Database(s)

PARKE COAL CO REECE PIT #2 (SIA)
PIKE COUNTY CCS-PETERSBURG
PIKE COUNTY CCS-BOWMAN
TOWN & COUNTRY
PETERSBURG SUB
AT AND T LONG LINES PETERSBURG
R AND H MINING
IPLCO PETERSBURG
R&H MINING INC

OISC
SEMS-ARCHIVE
SWF/LF
SWF/LF
UST
UST
RCRA NonGen / NLR
RCRA-CESQG
MANIFEST
MANIFEST

OVERVIEW MAP - 4613718.2S



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

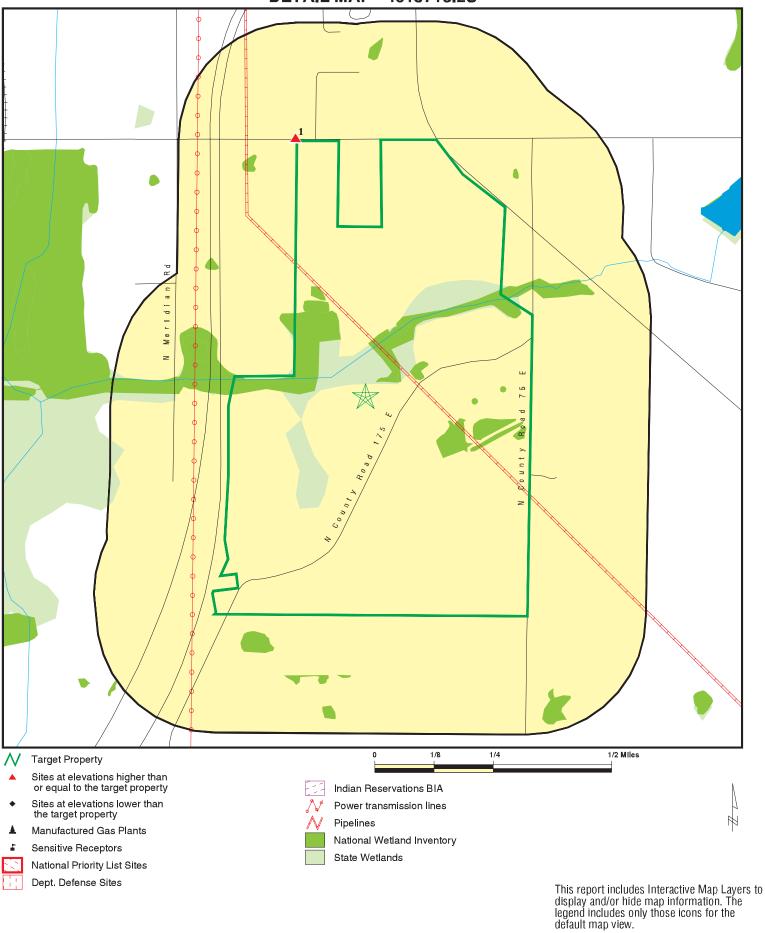
SITE NAME: Petersburg Development
ADDRESS: 198-100 County Road 100
Petersburg IN 47567
LAT/LONG: 38.457701 / 87.269801

CLIENT: Alt & Witzig Consulting Services CONTACT: Chris Newton

INQUIRY#: 4613718.2s

May 10, 2016 10:42 am DATE:

DETAIL MAP - 4613718.2S



CLIENT: Alt & Witzig Consulting Services CONTACT: Chris Newton

INQUIRY#: 4613718.2s

DATE: May 10, 2016 10:42 am

198-100 County Road 100 Petersburg IN 47567 38.457701 / 87.269801 LAT/LONG:

SITE NAME: Petersburg Development

ADDRESS:

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
STANDARD ENVIRONMENTAL RECORDS									
Federal NPL site list									
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0	
Federal Delisted NPL sit	e 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 li	st							
CORRACTS	1.000		0	0	0	0	NR	0	
Federal RCRA non-COR		acilities 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 re									
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	TP		NR	NR	NR	NR	NR	0	
State- and tribal - equiva	alent CERCLIS	6							
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 l	ists							
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 tar	nk 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 INDIAN UST	0.250 0.250		0	0 0	NR NR	NR NR	NR NR	0 0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary	y cleanup site	es						
VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u> </u>						
Local Brownfield lists	0.500		0	0	0	ND	ND	0
US BROWNFIELDS Local Lists of Landfill / S	0.500		0	0	0	NR	NR	0
Waste Disposal Sites	oona							
SWRCY SWTIRE INDIAN ODI ODI DEBRIS REGION 9	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL CDL DEL SHWS US CDL	TP TP 1.000 TP		NR NR 0 NR	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	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS SPILLS SPILLS 90 SPILLS 80	TP TP TP TP		NR NR NR NR	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 US FIN ASSUR EPA WATCH LIST	0.250 1.000 1.000 0.500 TP TP		0 0 0 0 NR NR	0 0 0 0 NR NR	NR 0 0 0 NR NR	NR 0 0 NR NR NR	NR NR NR NR NR	0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	Ō
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500 TP		0 NR	0 NR	0 NR	NR NR	NR NR	0
PCB TRANSFORMER RADINFO	TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
HIST FTTS	TP		NR	NR NR	NR NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	ő	ő	0	NR	0
FUSRAP	1.000		Ö	Ö	Ö	Ö	NR	Õ
UMTRA	0.500		Ö	Ö	Ö	NR	NR	Ö
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	Ö
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
BULK	0.250		0	0	NR	NR	NR	0
CFO	TP		NR	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	TP		NR	NR	NR	NR	NR	0
IND WASTE MANIFEST	0.250 0.250		0 0	0 0	NR NR	NR NR	NR NR	0 0
NPDES	0.250 TP		NR	NR	NR NR	NR	NR	0
OISC	0.250		0	0	NR	NR	NR	0
SCP	0.500		0	0	0	NR	NR	0
TIER 2	TP		NR	NŘ	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	Ö
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	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	
EDR RECOVERED GOVERNMENT ARCHIVES									
Exclusive Recovered Govt. Archives									
RGA HWS	TP		NR	NR	NR	NR	NR	0	
RGA LF	TP		NR	NR	NR	NR	NR	0	
RGA LUST	TP		NR	NR	NR	NR	NR	0	
- Totals		0	1	0	0	0	0	1	

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 Elevation Site EDR ID Number Database(s) EPA ID Number

EDR Hist Auto 1015419375
INW 317 E COUNTY ROAD 300 N N/A

NNW 317 E COUNTY ROAD 300 N < 1/8 PETERSBURG, IN 47567

0.007 mi. 36 ft.

Relative: EDR Historical Auto Stations:

Higher Name: PREFERRED AUTOMOTIVE & TOWING

Year: 2011

Actual: Address: 317 E COUNTY ROAD 300 N 488 ft.

Name: PREFERRED AUTOMOTIVE & TOWING

Year: 2012

Address: 317 E COUNTY ROAD 300 N

Count: 10 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PETERSBURG	U001079851	TOWN & COUNTRY	SR 57 S	47567	UST
PETERSBURG	S117550315	IPLCO PETERSBURG	SR 57 N	47567	MANIFEST
PETERSBURG	U004020427	PETERSBURG SUB	HWY 61 N	47567	UST
PETERSBURG	1004487811	R AND H MINING	NE CORNER LINE RD AND DIV RD 6	47567	RCRA-CESQG
PETERSBURG	S117551734	R&H MINING INC	NE CORNER LINE RD & DIV	47567	MANIFEST
PETERSBURG	S116157313	PIKE COUNTY CCS-PETERSBURG	182 WEST ILLINOIS ST	47567	SWF/LF
PETERSBURG	1003870504	PARKE COAL CO REECE PIT #2 (SIA)	LINE RD PO BOX 236	47567	SEMS-ARCHIVE
PETERSBURG	1000392720	AT AND T LONG LINES PETERSBURG	4.8MI S OF PETERSBURG ON SR 61	47567	RCRA NonGen / NLR
PETERSBURG	S112251831		7903 W SR 65	47567	OISC
PETERSBURG	S116157310	PIKE COUNTY CCS-BOWMAN	5654 WEST STREET ROAD 56	47567	SWF/LF

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: 03/07/2016 Source: EPA
Date Data Arrived at EDR: 04/05/2016 Telephone: N/A

Date Made Active in Reports: 04/15/2016 Last EDR Contact: 04/05/2016

Number of Days to Update: 10 Next Scheduled EDR Contact: 04/18/2016
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: 03/07/2016 Source: EPA
Date Data Arrived at EDR: 04/05/2016 Telephone: N/A

Number of Days to Update: 10 Next Scheduled EDR Contact: 04/18/2016
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.

Source: EPA

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

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: 03/07/2016 Date Data Arrived at EDR: 04/05/2016 Date Made Active in Reports: 04/15/2016

Number of Days to Update: 10

Source: EPA Telephone: N/A

Last EDR Contact: 04/05/2016

Next Scheduled EDR Contact: 04/18/2016 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: 03/26/2015 Date Data Arrived at EDR: 04/08/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 64

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/08/2016

Next Scheduled EDR Contact: 07/18/2016 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: 03/07/2016 Date Data Arrived at EDR: 04/05/2016 Date Made Active in Reports: 04/15/2016

Number of Days to Update: 10

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 04/05/2016

Next Scheduled EDR Contact: 08/01/2016 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: 03/07/2016 Date Data Arrived at EDR: 04/05/2016 Date Made Active in Reports: 04/15/2016

Number of Days to Update: 10

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 04/05/2016

Next Scheduled EDR Contact: 08/01/2016 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: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 34

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/30/2016

Next Scheduled EDR Contact: 07/11/2016 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: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/30/2016

Next Scheduled EDR Contact: 07/11/2016
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: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/30/2016

Next Scheduled EDR Contact: 07/11/2016 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: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/30/2016

Next Scheduled EDR Contact: 07/11/2016 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: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/30/2016

Next Scheduled EDR Contact: 07/11/2016

Data Release Frequency: Varies

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: 05/28/2015 Date Data Arrived at EDR: 05/29/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 13

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/16/2016

Next Scheduled EDR Contact: 05/30/2016 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: 09/10/2015 Date Data Arrived at EDR: 09/11/2015 Date Made Active in Reports: 11/03/2015

Number of Days to Update: 53

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/29/2016

Next Scheduled EDR Contact: 06/13/2016 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: 09/10/2015 Date Data Arrived at EDR: 09/11/2015 Date Made Active in Reports: 11/03/2015

Number of Days to Update: 53

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/29/2016

Next Scheduled EDR Contact: 06/13/2016

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: 06/22/2015 Date Data Arrived at EDR: 06/26/2015 Date Made Active in Reports: 09/16/2015

Number of Days to Update: 82

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/30/2016

Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Annually

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: 02/29/2016

Next Scheduled EDR Contact: 06/13/2016
Data Release Frequency: No Update Planned

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

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: 03/07/2016

Next Scheduled EDR Contact: 06/20/2016 Data Release Frequency: Varies

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: 03/01/2016 Date Data Arrived at EDR: 03/21/2016 Date Made Active in Reports: 04/18/2016

Number of Days to Update: 28

Source: Department of Environmental Management

Telephone: 317-232-0066 Last EDR Contact: 03/14/2016

Next Scheduled EDR Contact: 06/27/2016 Data Release Frequency: Semi-Annually

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: 02/02/2016 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/18/2016

Number of Days to Update: 47

Source: Department of Environmental Management

Telephone: 317-232-8900 Last EDR Contact: 03/02/2016

Next Scheduled EDR Contact: 06/13/2016 Data Release Frequency: Annually

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: 11/04/2015 Date Data Arrived at EDR: 11/13/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 52

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 04/27/2016

Next Scheduled EDR Contact: 08/08/2016 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: 10/13/2015 Date Data Arrived at EDR: 10/23/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 118

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/27/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Quarterly

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

Date of Government Version: 01/07/2016 Date Data Arrived at EDR: 01/08/2016 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 41

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/29/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Quarterly

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: 01/08/2015 Date Data Arrived at EDR: 01/08/2015 Date Made Active in Reports: 02/09/2015

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 04/27/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Quarterly

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

Date of Government Version: 03/30/2015 Date Data Arrived at EDR: 04/28/2015 Date Made Active in Reports: 06/22/2015

Number of Days to Update: 55

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/29/2016

Next Scheduled EDR Contact: 08/08/2016 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: 08/20/2015 Date Data Arrived at EDR: 10/30/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 111

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 04/29/2016

Next Scheduled EDR Contact: 08/08/2016 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: 11/24/2015 Date Data Arrived at EDR: 12/01/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 34

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/26/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Semi-Annually

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: 10/27/2015 Date Data Arrived at EDR: 10/29/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 67

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/29/2016

Next Scheduled EDR Contact: 08/08/2016 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: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/11/2016

Next Scheduled EDR Contact: 07/25/2016 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: 02/02/2016 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/18/2016

Number of Days to Update: 47

Source: Department of Environmental Management

Telephone: 317-308-3008 Last EDR Contact: 03/02/2016

Next Scheduled EDR Contact: 06/13/2016 Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2014 Date Data Arrived at EDR: 02/13/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 28

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 04/27/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014 Date Data Arrived at EDR: 11/25/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 65

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/29/2016

Next Scheduled EDR Contact: 08/08/2016 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: 10/13/2015 Date Data Arrived at EDR: 10/23/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 118

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/29/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/24/2015 Date Data Arrived at EDR: 12/01/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 34

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/26/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Semi-Annually

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: 10/20/2015 Date Data Arrived at EDR: 10/29/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 67

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/29/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/07/2016 Date Data Arrived at EDR: 01/08/2016 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 41

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/29/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/20/2015 Date Data Arrived at EDR: 10/30/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 111

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 04/29/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/05/2015 Date Data Arrived at EDR: 11/13/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 52

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/27/2016

Next Scheduled EDR Contact: 08/08/2016 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: 02/02/2016 Date Data Arrived at EDR: 03/07/2016 Date Made Active in Reports: 04/19/2016

Number of Days to Update: 43

Source: Department of Environmental Management

Telephone: 317-232-8603 Last EDR Contact: 02/29/2016

Next Scheduled EDR Contact: 06/13/2016 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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

VCP: Voluntary Remediation Program Site List

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

Date of Government Version: 08/22/2014 Date Data Arrived at EDR: 08/22/2014 Date Made Active in Reports: 09/12/2014

Number of Days to Update: 21

Source: Department of Environmental Management

Telephone: 317-234-0966 Last EDR Contact: 04/11/2016

Next Scheduled EDR Contact: 07/25/2016 Data Release Frequency: Semi-Annually

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: 04/01/2016

Next Scheduled EDR Contact: 07/11/2016

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: 02/19/2016 Date Data Arrived at EDR: 03/04/2016 Date Made Active in Reports: 04/18/2016

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 317-233-2570 Last EDR Contact: 02/29/2016

Next Scheduled EDR Contact: 06/13/2016 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: 12/22/2015 Date Data Arrived at EDR: 12/23/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/22/2016

Next Scheduled EDR Contact: 07/04/2016 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: 03/11/2016

Next Scheduled EDR Contact: 06/20/2016 Data Release Frequency: Varies

SWRCY: Recycling Facilities

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

Date of Government Version: 05/01/2014 Date Data Arrived at EDR: 07/28/2014 Date Made Active in Reports: 09/12/2014

Number of Days to Update: 46

Source: Department of Environmental Management

Telephone: 317-234-4050 Last EDR Contact: 04/22/2016

Next Scheduled EDR Contact: 08/01/2016 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: 04/27/2016

Next Scheduled EDR Contact: 08/15/2016 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: 04/21/2016

Next Scheduled EDR Contact: 08/08/2016 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

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: 09/17/2015 Date Data Arrived at EDR: 12/04/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 76

Source: Drug Enforcement Administration Telephone: 202-307-1000

Last EDR Contact: 03/01/2016

Next Scheduled EDR Contact: 06/13/2016 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: 01/05/2016 Date Data Arrived at EDR: 01/07/2016 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 42

Source: Department of Environmental Management

Telephone: 317-416-5031 Last EDR Contact: 04/12/2016

Next Scheduled EDR Contact: 07/18/2016 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: 02/29/2016

Next Scheduled EDR Contact: 06/13/2016 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: 09/17/2015 Date Data Arrived at EDR: 12/04/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 76

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/01/2016

Next Scheduled EDR Contact: 06/13/2016 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: 02/18/2014 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/26/2016

Next Scheduled EDR Contact: 08/08/2016 Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/24/2015 Date Data Arrived at EDR: 06/26/2015 Date Made Active in Reports: 09/02/2015

Number of Days to Update: 68

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/30/2016

Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Annually

SPILLS: Spills Incidents

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

Date of Government Version: 02/01/2016 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/18/2016

Number of Days to Update: 47

Source: Department of Environmental Management

Telephone: 317-308-3038 Last EDR Contact: 03/02/2016

Next Scheduled EDR Contact: 06/13/2016 Data Release Frequency: Semi-Annually

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: 12/09/2015 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/30/2016

Next Scheduled EDR Contact: 07/11/2016 Data Release Frequency: Varies

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: 03/11/2016

Next Scheduled EDR Contact: 06/20/2016 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: 04/15/2016

Next Scheduled EDR Contact: 07/25/2016 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: 04/15/2016

Next Scheduled EDR Contact: 07/25/2016

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: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 02/19/2016

Next Scheduled EDR Contact: 05/30/2016 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: 09/01/2015 Date Data Arrived at EDR: 09/03/2015 Date Made Active in Reports: 11/03/2015

Number of Days to Update: 61

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 02/16/2016

Next Scheduled EDR Contact: 05/30/2016 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: 05/09/2016

Next Scheduled EDR Contact: 08/22/2016 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: 02/12/2016

Next Scheduled EDR Contact: 05/23/2016 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: 12/31/2012 Date Data Arrived at EDR: 01/15/2015 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 14

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/24/2016

Next Scheduled EDR Contact: 07/04/2016 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: 12/31/2014 Date Data Arrived at EDR: 11/24/2015 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 133

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 02/24/2016

Next Scheduled EDR Contact: 06/06/2016 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: 04/25/2016

Next Scheduled EDR Contact: 08/08/2016 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: 11/25/2013 Date Data Arrived at EDR: 12/12/2013 Date Made Active in Reports: 02/24/2014

Number of Days to Update: 74

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 03/08/2016

Next Scheduled EDR Contact: 06/20/2016 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: 08/01/2015 Date Data Arrived at EDR: 08/26/2015 Date Made Active in Reports: 11/03/2015

Number of Days to Update: 69

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/25/2016

Next Scheduled EDR Contact: 08/08/2016 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: 02/12/2016

Next Scheduled EDR Contact: 05/23/2016 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: 07/01/2014 Date Data Arrived at EDR: 10/15/2014 Date Made Active in Reports: 11/17/2014

Number of Days to Update: 33

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/12/2016

Next Scheduled EDR Contact: 07/25/2016 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: 01/23/2015 Date Data Arrived at EDR: 02/06/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 31

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 04/08/2016

Next Scheduled EDR Contact: 07/25/2016 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: 02/22/2016

Next Scheduled EDR Contact: 06/06/2016 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: 02/22/2016

Next Scheduled EDR Contact: 06/06/2016 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: 03/07/2016 Date Data Arrived at EDR: 03/18/2016 Date Made Active in Reports: 04/15/2016

Number of Days to Update: 28

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 05/06/2016

Next Scheduled EDR Contact: 08/22/2016 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: 04/15/2016

Next Scheduled EDR Contact: 07/25/2016 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: 03/11/2016

Next Scheduled EDR Contact: 06/20/2016 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: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

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

Last EDR Contact: 04/26/2016

Next Scheduled EDR Contact: 08/08/2016 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: 07/07/2015 Date Data Arrived at EDR: 07/09/2015 Date Made Active in Reports: 09/16/2015

Number of Days to Update: 69

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/08/2016

Next Scheduled EDR Contact: 07/18/2016 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: 05/04/2016

Next Scheduled EDR Contact: 08/15/2016 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: 12/31/2014 Date Data Arrived at EDR: 04/17/2015 Date Made Active in Reports: 06/02/2015

Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 03/24/2016

Next Scheduled EDR Contact: 07/11/2016 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: 12/31/2013 Date Data Arrived at EDR: 02/24/2015 Date Made Active in Reports: 09/30/2015

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 02/26/2016

Next Scheduled EDR Contact: 06/06/2016 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: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/15/2016

Next Scheduled EDR Contact: 07/25/2016 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: 11/23/2015 Date Data Arrived at EDR: 11/24/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 86

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 05/09/2016

Next Scheduled EDR Contact: 08/22/2016 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: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 03/28/2016

Next Scheduled EDR Contact: 06/06/2016

Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014 Date Data Arrived at EDR: 11/26/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 64

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 04/07/2016

Next Scheduled EDR Contact: 07/18/2016

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: 03/24/2016

Next Scheduled EDR Contact: 07/11/2016
Data Release Frequency: Annually

Date of Government Version: 10/20/2015 Date Data Arrived at EDR: 10/27/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 69

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

Date of Government Version: 10/20/2015 Date Data Arrived at EDR: 10/27/2015 Date Made Active in Reports: 01/04/2016

Number of Days to Update: 69

Source: EPA

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 03/24/2016

Next Scheduled EDR Contact: 07/11/2016 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: 02/09/2016 Date Data Arrived at EDR: 03/02/2016 Date Made Active in Reports: 04/15/2016

Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 03/02/2016

Next Scheduled EDR Contact: 06/13/2016 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: 03/04/2016

Next Scheduled EDR Contact: 06/13/2016 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: 03/04/2016

Next Scheduled EDR Contact: 06/13/2016 Data Release Frequency: Varies

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: 07/20/2015 Date Data Arrived at EDR: 09/09/2015 Date Made Active in Reports: 11/03/2015

Number of Days to Update: 55

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 03/08/2016

Next Scheduled EDR Contact: 06/20/2016 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: 03/01/2016 Date Data Arrived at EDR: 03/03/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 33

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 02/24/2016

Next Scheduled EDR Contact: 06/13/2016 Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015 Date Data Arrived at EDR: 01/29/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 67

Source: Department of Defense Telephone: 571-373-0407 Last EDR Contact: 04/18/2016

Next Scheduled EDR Contact: 07/04/2016 Data Release Frequency: Varies

AIRS: Permitted Sources & Emissions Listing

Current permitted sources and emissions inventory information.

Date of Government Version: 03/07/2016 Date Data Arrived at EDR: 03/08/2016 Date Made Active in Reports: 04/19/2016

Number of Days to Update: 42

Source: Department of Environmental Management

Telephone: 317-233-0185 Last EDR Contact: 04/05/2016

Next Scheduled EDR Contact: 07/18/2016 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: 04/01/2015 Date Data Arrived at EDR: 04/08/2015 Date Made Active in Reports: 04/23/2015

Number of Days to Update: 15

Source: Office of Indiana State Chemist

Telephone: 765-494-0579 Last EDR Contact: 04/04/2016

Next Scheduled EDR Contact: 07/18/2016 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: 09/30/2015 Date Data Arrived at EDR: 12/18/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 62

Source: Department of Environmental Management

Telephone: 317-233-4624 Last EDR Contact: 03/14/2016

Next Scheduled EDR Contact: 06/27/2016 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: 06/11/2015 Date Data Arrived at EDR: 06/16/2015 Date Made Active in Reports: 07/09/2015

Number of Days to Update: 23

Source: Department of Environmental Management

Telephone: 800-988-7901 Last EDR Contact: 03/14/2016

Next Scheduled EDR Contact: 06/27/2016 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/12/2016 Date Data Arrived at EDR: 01/14/2016 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 35

Source: Department of Environmental Management

Telephone: 317-233-1052 Last EDR Contact: 04/04/2016

Next Scheduled EDR Contact: 07/18/2016 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: 01/12/2016 Date Data Arrived at EDR: 01/14/2016 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 35

Source: Department of Environmental Management

Telephone: 317-233-1052 Last EDR Contact: 04/04/2016

Next Scheduled EDR Contact: 07/18/2016

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: 03/11/2016

Next Scheduled EDR Contact: 06/20/2016 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: 12/31/2014 Date Data Arrived at EDR: 07/10/2015 Date Made Active in Reports: 07/16/2015

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 317-233-4624 Last EDR Contact: 04/08/2016

Next Scheduled EDR Contact: 07/18/2016 Data Release Frequency: Annually

NPDES: NPDES Permit Listing

A listing of active NPDES Permit Section facility locations.

Date of Government Version: 01/11/2016 Date Data Arrived at EDR: 01/12/2016 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 37

Source: Department of Environmental Management

Telephone: 317-233-0676 Last EDR Contact: 04/11/2016

Next Scheduled EDR Contact: 07/25/2016

Data Release Frequency: Varies

OISC: Office of Indiana State Chemist Database

Restricted use pesticide dealers and pesticide & fertilizer applicators.

Date of Government Version: 03/21/2016 Date Data Arrived at EDR: 03/23/2016 Date Made Active in Reports: 04/18/2016

Number of Days to Update: 26

Source: Office of Indiana State Chemist & Seed

Telephone: 765-494-1492 Last EDR Contact: 03/23/2016

Next Scheduled EDR Contact: 07/04/2016 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: 11/30/2015 Date Data Arrived at EDR: 12/04/2015 Date Made Active in Reports: 12/21/2015

Number of Days to Update: 17

Source: Department of Environmental Management

Telephone: 317-233-0068 Last EDR Contact: 02/29/2016

Next Scheduled EDR Contact: 06/13/2016 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: 12/31/2014 Date Data Arrived at EDR: 09/17/2015 Date Made Active in Reports: 10/07/2015

Number of Days to Update: 20

Source: Department of Environmental Management

Telephone: 317-233-0066 Last EDR Contact: 02/29/2016

Next Scheduled EDR Contact: 06/13/2016

Data Release Frequency: Varies

UIC: UIC Site Listing

A listing of class II well locations

Date of Government Version: 03/03/2016 Date Data Arrived at EDR: 03/16/2016 Date Made Active in Reports: 04/18/2016

Number of Days to Update: 33

Source: Department of Natural Resources

Telephone: 317-232-0045 Last EDR Contact: 03/14/2016

Next Scheduled EDR Contact: 06/13/2016

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: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016

Number of Days to Update: 103

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 03/23/2016

Next Scheduled EDR Contact: 07/04/2016 Data Release Frequency: Quarterly

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: 11/23/2015 Date Data Arrived at EDR: 11/24/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 86

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 02/24/2016

Next Scheduled EDR Contact: 06/06/2016 Data Release Frequency: Quarterly

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 Historic Gas 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 Historic Dry 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

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

Source: Department of Environmental Management

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.

Telephone: N/A

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: 07/30/2013 Date Data Arrived at EDR: 08/19/2013 Date Made Active in Reports: 10/03/2013

Number of Days to Update: 45

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 02/18/2016

Next Scheduled EDR Contact: 05/30/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 07/17/2015 Date Made Active in Reports: 08/12/2015

Number of Days to Update: 26

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/12/2016

Next Scheduled EDR Contact: 07/25/2016 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: 02/01/2016 Date Data Arrived at EDR: 02/03/2016 Date Made Active in Reports: 03/22/2016

Number of Days to Update: 48

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/06/2016

Next Scheduled EDR Contact: 08/15/2016 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/24/2015 Date Made Active in Reports: 08/18/2015

Number of Days to Update: 25

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/18/2016

Next Scheduled EDR Contact: 08/01/2016 Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 06/19/2015 Date Made Active in Reports: 07/15/2015

Number of Days to Update: 26

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 03/21/2016

Next Scheduled EDR Contact: 06/06/2016 Data Release Frequency: Annually

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

Date of Government Version: 03/16/2016 Date Data Arrived at EDR: 03/29/2016 Date Made Active in Reports: 04/19/2016

Number of Days to Update: 21

Source: Department of Environmental Conservation

Telephone: 802-241-3443 Last EDR Contact: 04/18/2016

Next Scheduled EDR Contact: 08/01/2016 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 03/19/2015 Date Made Active in Reports: 04/07/2015

Number of Days to Update: 19

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/14/2016

Next Scheduled EDR Contact: 06/27/2016 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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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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APPENDIX ERecords of Communication / Questionnaires



Date:	05/17	/16	Time:	
Project Number:	16EV	0018	Recorded by:	Mr. Chris Newton
Project Name:	340-A	cre Tract		
]		Solar Sources, 812-354-8776	1110.	
Office Visit	Conver s Durin tation/I	g Site Assessn Meeting at:	nent Representative/Ow	ner Questionnaire

A&W received a Combined Key Site Representative/Owner Questionnaire from Mr. Michael Owens of Solar Sources Incorporated (current Site owner), concerning current and historical uses of the Site. Mr. Owen has been associated with the Site for approximately 24 years. According to Mr. Owen, the Site was historically used as grain farmland and surface coal mined from 1984 to 1995. The surface coal mine had final reclamation in 2013. According to Mr. Owen, the Site contained an old residence on the northeast portion until it was demolished in approximately 2000. According to Mr. Owen, no hazardous materials or petroleum products are stored or handled on the Site. Mr. Owen listed the Site or surrounding area as containing several monitoring wells. He did not identify any specific information associated with these wells. According to Mr. Owen, no hazardous waste is generated, treated or stored on the Site. Mr. Owen did identify that portable fuel and oil tanks were used at the

On June 16, 2016, A&W spoke to Mr. Michael Owens by telephone concerning the on-Site operations of Solar Sources, Inc. According to Mr. Owens, no extensive processing of coal or washing of coal took place at the Site.

Site for mining equipment but have been removed. Mr. Owen had no additional specialized or commonly known information of other environmental concerns in connection with the Site.

Summary of Communication:



RECORD OF COM	MUNICATION	N	
Date: 05/1	7/16	Time:	
Project Number: 16E'	V0018	Recorded by:	Mr. Chris Newton
Project Name: 340-	Acre Tract		_
	N. C. 14		
Communication with:	Ms. Carol Austin		
of		nber of Commerc	ee
Phone	: 812-354-8155		
Office Visitation	ersation ing Site Assessmer /Meeting at:	Petersburg City I	Hall
Summary of Communic	ation:		
	arol Austin, no file	records were ide	to review file records for the Site. entified for the Site and the City of



RECORD OF	COMMUNICATIO	N	
Date: Project Number: Project Name:	05/24/16, 06/01/16, and 06/14/16 16EV0018 340-Acre Tract	Time: Recorded by:	Mr. Chris Newton
,	n with: Pike County Hea	alth Department (a	attempted)
1	Phone: 812-354-8797		
Discussion Office Visit Other: Re:	Conversation s During Site Assessmentation/Meeting at: electronic-mail		
Summary of Comr	nunication:		
Health Departn report, no repl	nent regarding potential e	environmental con n the Health Dep	nic-mail to contact the Pike County occurs at the Site. At the time of this partment. If a reply is received that assued.



RECORD OF	Commun	ICATION -	- FIRE DEPA	RTMENT			
Date: 05/17/ Project Name: Communication Agency/Compa Phone Number:	ny: Petersbu	ict Iich Coan rg Fire Departm		: 16EV0018 de: Fire Chief			
Typical Question	ıs:						
 Does the Fire Department have records of any active or inactive aboveground or underground storage tanks at the Site?							
Tank Type AST or UST	Tank Capacity (Gallons)	Tank Contents		Leak/Release? (Yes / No)	Tank Status Active/Inactive		
 Is the Fire Department aware of any leaking aboveground or underground storage tanks on or around the Site? Yes No Do you have records of hazardous, toxic or flammable materials used or stored at the Site? Yes No Have you responded to any fires or hazardous materials spills on or around the Site? 							
☐ Yes 🗵 No							
Summary of Com	munication:						
Chief Rich C recalled sever that the projec information p	foan regarding al vehicle fires at Site had any ertaining to lea	potential envir from surface mi environmental ks, releases, spi	Fire Department becomental concerns ines owned by Solar issues. According ills, USTs or ASTs oncerns with the Sit	s at the Site. ar Sources, Inc. g to Chief Coan s being present	Chief Coan had but did not think , there is no file		

User Questionnaire

ASTM E1527-05 – Appendix X3

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "brownfields Amendments), the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Please answer the following questions to the best of your knowledge and in good faith. Please return this questionnaire to Alt & Witzig Consulting Services at 4105 West 99th Street, Carmel, IN 46032, via fax at 317-876-3705 or via email www.altwitzig.com

This questionnaire was completed by:

Completed	by (print	name):	Ashley P.	Willis
-----------	-----------	--------	-----------	--------

Completed by (signature):

Company: Pike County Economic Development Corporation

Site Name: 340-Acre Solar Sources Industrial Site

Address: P.O. Box 204

Phone: (812) 354-2271

Relation to Site and Length of Relation: Executive Director of Pike County EDC since June 2015

Date Completed: 5/23/16

	Question			Unk	Comments
1.	Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?		X		
2.	Are you aware of any Activity and Land Use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	X			
3.	As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?		x		
4.	Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	X			

	Question			Unk	Comments
4a.	If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?			X	
5.	Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?		X		Solar Sources will have specific information.
5a.	Do you know the past uses of the property?	X			Mining and agriculture
5b.	Do you know of specific chemicals that are present or once were present at the property?		X		Solar Sources may have this information regarding reclamation.
5c.	Do you know of spills or other chemical releases that have taken place at the property?		X		
5d.	Do you know of any environmental cleanups that have taken place at the property?		X		
6.	As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence of likely presence of contamination at the property?		X		

In addition, are you aware of any of the following documents, and if so, please forward copies of the document(s) to Alt & Witzig Engineering, Inc. at 4105 W. 99th Street, Carmel, IN 46032, via fax at 317-876-3705 or via email (along with this form):

Help	ful Documents:
	Environmental site assessment reports (i.e. Phase I, Phase II, UST Investigation and/or Closure, radon, lead paint, asbestos, etc.)
	Environmental compliance audit reports
	Environmental permits (i.e. solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
	Registrations for underground and aboveground storage tanks (USTs/ASTs)
	Registrations for underground injection systems
	Material Safety Data Sheets (MSDS)
	Community Right-To-Know Plan (CRTK)
	Safety Plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans, etc.
	Reports regarding hydrogeologic conditions on the property or surrounding area
	Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property.
	Hazardous waste generator notices or reports
	Geotechnical studies
	Risk assessments
	Recorded Activity and Use Limitations (AULs)
	Other



RECORD OF C	COMMUNICA'	TION						
Date: Project Number: Project Name:	06/16/2016 16EV0018 340-Acre Tract	Time: Recorded by:	Mr. Chris Newton					
	Communication with: Mr. Tim Wright of: DNR Division of Reclamation Phone: 812-665-2207							
Communication via: Telephone Conversation Discussions During Site Assessment Office Visitation/Meeting at:								
Other:								
Re:								
Summary of Comm	unication:							
A&W contacted the Department of Natural Resources (DNR) Division of Reclamation and spoke to Mr. Tim Wright regarding the past mining operations at the Site. According to Mr. Wright all permitting and documentation available for the Prides Creek Mine was on file at the Pike County Library (file # S-126).								
	,							

Chris Newton

From: Chris Newton [cnewton@altwitzig.com]
Sent: Wednesday, May 25, 2016 4:19 PM

To: 'sullivan@ovgc.com'

Subject: Records search for pipeline leaks at Indiana 61 near Petersburg Indiana

Attachments: Site Plan with gas pipeline.png

Dear Ohio Valley Gas

I am performing a Phase I ESA on the 340-acres of predominantly agricultural land located near Petersburg, Indiana. According to a map sent by the Pike County Economic Devleopment Corporation, a 4-inch gas pipeline is located on the northeast perimeter of our Site, along Indiana-61. This is a request for information pertaining to any leaks associated with this gas line. I have attached a map and appreciate any information you have.

Thanks

Chris Newton Alt & Witzig Engineering, Inc. 6200 Maxwell Avenue, Suite C Evansville, IN 47720 O: (812) 422-4446

F: (812) 422-8377 M: (812) 455-2967



Combined Owner/Key Site Manager Questionnaire

(If the Key Site Manager is not available, present questionnaire to Owner or Owner representative)

ASTM E1527-05 - Sections 10.8 and 10.9

Please answer the following questions to the best of your knowledge and in good faith. Please return this questionnaire to Alt & Witzig Engineering, Inc. at 4105 West 99th Street, Carmel, IN 46032, via fax at 317-876-3705 or via email.

This questionnaire was completed by:

Completed by (print name): Michael Owen						
Completed by	(signature):					
Company:	Company: Solar Sources, Inc.					
Site Name:	340-Acre Solar Sources Industrial Site					
Address:	P.O. Box 7; Petersburg, IN 47567					
Phone:	Phone: (812) 354-8776					
Relation to Sit	e and Length of Re	elation: Company engineering department; 1992 to present				
Date Completed: June 9, 2016						

	Question			Unk	Comments
1.	Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?		X		
2.	Are you aware of any Activity and Land Use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?		X		
3.	Is the property used for an industrial use?		X		
4.	Are any adjoining properties used for an industrial use?		X		
5.	To the best of your knowledge, has the property been used for an industrial use in the past?	X			Formerly a surface coal mine.
6.	Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X		
7.	Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X		

	Question	Yes	No	Unk	Comments
9.	To the best of your knowledge, has the property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? To the best of your knowledge, has any adjoining		X		
9.	property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		A		
10.	Are there currently any automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the property?		X		
11.	To the best of your knowledge, have there been previously any automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the property?		X		
12.	Are there currently any industrial drums (typically 55-gallon) or sacks of chemicals located on the property?		X		
13.	To the best of your knowledge, have there been previously any industrial drums (typically 55-gallon) or sacks of chemicals located on the property?		X		
14.	Are there currently any groundwater monitoring wells or other groundwater wells (i.e. potable drinking water wells) located on the property?	X			SMCRA compliance wells are located on or adjacent to the property.
15.	To the best of your knowledge, have there been previously any groundwater monitoring wells or other groundwater wells (i.e. potable drinking water wells) located on the property?	X			
16.	Has fill dirt been brought onto the property which originated from a contaminated site?		X		
17.	Has fill dirt been brought onto the property which is of an unknown origin?		X		
18.	Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?		X		

	Question	Yes	No	Unk	Comments
19.	To the best of your knowledge, have there been previously any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?		X		
20.	Is there currently any stained soil on the property?		X		
21.	To the best of your knowledge, has there been previously any stained soil on the property?		Λ		
22.	Are there currently any registered or unregistered storage tanks (above or underground) located on the property?		X		
23.	To the best of your knowledge, have there been previously any registered or unregistered storage tanks (above or underground) located on the property?	X			Portable fuel and oil tanks for mining equipment are now removed.
24.	Are there currently any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?		X		
25.	To the best of your knowledge, have there been previously any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?		X		
26.	Are there currently any flooring, drains, or walls located at the property that are stained by substances other than water or are emitting foul odors?		X		
27.	To the best of your knowledge, have there been previously any flooring, drains, or walls located at the property that are stained by substances other than water or are emitting foul odors?		X		
28.	If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system?		X		
29.	If the property is served by a private well or non-public water system, has the well been designated as contaminated by any government environmental/health agency?		X		
30.	To the best of your knowledge, has the property previously been served by a private well or septic system? If so, when and where were they located?		X		
31.	Have you been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?		X		

	Question	Yes	No	Unk	Comments
32.	Have you been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?		X		
33.	Have you been informed of the past existence of environmental violations with respect of the property or any facility located on the property?		X		
34.	Are you aware of any pending, threatened, or past administrative proceedings or litigation relevant to hazardous substances or petroleum products in, on or from the property?		X		
35.	Are you aware of any notices from any governmental entity regarding any possible violation or environmental laws or possible liability relating to hazardous substances or petroleum products?		X		
36.	Have there been any environmental site assessments of the property that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?		X		
37.	Does the property discharge waste water on or adjacent to the property, other than storm water, into a storm water sewer system?		X		
38.	Does the property discharge waste water on or adjacent to the property, other than storm water, into a sanitary system?		X		
39.	Have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried, and/or burned on the property?		X		
40.	Is there a transformer, capacitor or any hydraulic equipment for which there are any records indicating the presence of PCBs?		X		
41.	Is there now or has there ever been any asbestos- containing materials (ACM), in any application, on the property?		X		
42.	Has there ever been any ACM testing conducted on the property?		X		
43.	Is there an asbestos Operations and Maintenance (O&M) program in place at the property?		X		
44.	Is there now or has there ever been any lead-based paint (LBP) applications on the property?		X		
45.	Has there ever been LBP testing conducted on the property?		X		

46.	Is there an LBP Operations and Maintenance (O&M) program in place at the property?		X		
	Question	Yes	No	Unk	Comments
47.	Has the water at the property ever been tested for lead?	X			
48.	Has radon testing ever been conducted at the property?		X		
49.	Are there any Operations and Maintenance (O&M) programs in place that we should be made aware of?		X		
50.	Is the property or any portion of the property located or involved in any environmentally sensitive areas (i.e. wetlands, coastal barrier resource areas, coastal barrier improvement act areas, flood plains, endangered species, etc.)?		X		There are Waters Of The US on the property.
51.	Do you know or suspect that mold was or is present in the buildings(s) or HVAC system?		X		
52.	Are there reliable procedures that specify the actions (i.e. Operations and Maintenance) to be taken to prevent and/or respond to mold or mold producing problems?		X		
53.	Is there a mold Operations and Maintenance (O&M) programs in place at the property?		X		
54.	Is there now, or has there ever been any water damage in the building(s), whether from flooding, plumbing, roof leaks, or other sources? If so, when?		X		

Pleas	Please use the following area to summarize the historical use(s) of the property:					
1.	How long have you been affiliated with the	24 years				
	property?					
2.	When was the building(s) on-Site constructed?	No on-site buildings				
3.	What were they used for?	N/A				
4.	When did operations cease?	N/A				
5.	How long has the property been vacant?	Property is an active grain farm				
6.	How was the building(s) heated and cooled?	N/A				
7a.	Have any other structures existed on the property?	Old house was removed				
7b.	If so, when was it demolished?	Approximately 2000				
7c.	If so, what were the uses of the building?	Residence, storage				
7d.	If so, were building materials taken off-Site?	No				
8.	What kinds of utilities are currently available to the	Water (Petersburg Water Dept.); Electricity (Win Energy)				
	Site? Please list entities also (i.e. gas (Vectren,					
	REMC, etc), electric (IPL, Duke, etc), water					
	(entity), sewer (entity)).					
9.	Where do the floor drains located inside of the	N/A				
	building(s) discharge?					
10.	Do you have knowledge of current or historical in-	No				
	ground or aboveground hydraulic lifts located on-					
	Site?					

Please use the following area to give any additional information regarding the current and/or historical use(s) of
the property:
The property was partially surface coal mined from ~1984 until ~1995. Final reclamation of the site occurred in 2013. Historically, the land was farmed, it was surface mined and is now back into farm production.

In addition, are you aware of any of the following documents, and if so, please forward copies of the document(s) to Alt & Witzig Engineering, Inc. at 4105 W. 99th Street, Carmel, IN 46032, via fax at 317-876-3705 or via email (along with this form):

Helpf	ful Documents:
	Environmental site assessment reports (i.e. Phase I, Phase II, UST Investigation and/or Closure, radon, lead paint, asbestos, etc.)
	Environmental compliance audit reports
	Environmental permits (i.e. solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
	Registrations for underground and aboveground storage tanks (USTs/ASTs)
	Registrations for underground injection systems
	Material Safety Data Sheets (MSDS)
	Community Right-To-Know Plan (CRTK)
	Safety Plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans, etc.
	Reports regarding hydrogeologic conditions on the property or surrounding area
	Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property.
	Hazardous waste generator notices or reports
	Geotechnical studies
	Risk assessments
	Recorded Activity and Use Limitations (AULs)
	Other

Chris Newton

From: Chris Newton [cnewton@altwitzig.com]
Sent: Wednesday, June 01, 2016 2:40 PM

To: 'afoust@pikeco.org'

Subject: FW: Health Department Records for former Prides Creek Mine

Attachments: Site Plan.png

Importance: High

Chris Newton Alt & Witzig Engineering, Inc. 6200 Maxwell Avenue, Suite C Evansville, IN 47720

O: (812) 422-4446 F: (812) 422-8377 M: (812) 455-2967



From: Amy Gladish [mailto:agladish@pikeco.org]

Sent: Tuesday, May 24, 2016 1:57 PM

To: <u>afoust@pikeco.org</u> **Cc:** <u>cnewton@altwitzig.com</u>

Subject: FW: Health Department Records for former Prides Creek Mine

Importance: High

Αl,

Can you please respond to this request?

Thanks!

Amy

From: Chris Newton [mailto:cnewton@altwitzig.com]

Sent: Tuesday, May 24, 2016 1:36 PM

To: agladish@pikeco.org

Subject: Health Department Records for former Prides Creek Mine

Importance: High

Dear Pike County Health Department

This is a request for health department records (including complaints) associated with the 340-acre property that was formally known as Prides Creek Mine, located south of Petersburg, Indiana. I have attached a site plan for reference. I appreciate any information you have on this facility.

Thanks

Chris Newton Alt & Witzig Engineering, Inc. 6200 Maxwell Avenue, Suite C Evansville, IN 47720

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Importance: High

Dear Pike County Health Department

This is a request for health department records (including complaints) associated with the 340-acre property that was formally known as Prides Creek Mine, located south of Petersburg, Indiana. I have attached a site plan for reference. I appreciate any information you have on this facility.

Thanks

Chris Newton Alt & Witzig Engineering, Inc. 6200 Maxwell Avenue, Suite C Evansville, IN 47720

O: (812) 422-4446 F: (812) 422-8377 M: (812) 455-2967



APPENDIX FProfessional Resumes

Christopher Newton Project Geologist

Environmental Division

Education

B.S. Geology, University of Southern Indiana, 2008

Professional Summary

Mr. Newton is a Project Manager for the Environmental Division of Alt & Witzig Engineering, Inc. Mr. Newton has over 6 years of experience managing residential and commercial Phase I Site Assessments, Engineering Recommendations, and Phase II Subsurface Investigations. He has provided technical assistance to on-site agency representatives and oversees drilling and cleanup contractor activities to ensure cost-effectiveness, timeliness, and compliance with applicable regulations and permits. Mr. Newton has also performed a range of investigative and project management related work on and non-hazardous sites including gas stations, machine shops, dry cleaners, and auto maintenance and repair facilities.

Project Experience

- Mr. Newton has performed numerous Phase II Subsurface Investigations at gasoline stations, dry cleaning facilities, and former industrial facilities for package property transfers and regulatory compliance in Indiana, Kentucky, and Ohio.
- Mr. Newton has performed remediation of soil and groundwater contamination caused by petroleum hydrocarbons leaking from underground storage tanks at multiple filling stations in Indiana. Types of corrective action included chemical injection into the subsurface, the use of soil vapor extraction (SVE) and air sparge (AS) technology, and continual groundwater monitoring of in-situ bioremediation using iSOC® technology. Groundwater monitoring to determine the effectiveness of the in-situ bioremediation is ongoing.
- Mr. Newton has performed multiple underground storage tank (UST) removals. Activities included
 coordinating with contractors to remove, clean and dispose of the UST and soil to an approved nonhazardous waste landfill. Appropriate confirmation soil and/or groundwater samples were collected,
 according to IDEM RISC & RCG guidelines.
- Mr. Newton has performed numerous Phase I Environmental Site Assessments in Indiana, Kentucky, Ohio,
 Missouri, Illinois, Washington, Texas, and Pennsylvania. Project sites ranged from agricultural land to
 industrial properties, including former gasoline stations, EPA Superfund sites, automotive maintenance
 facilities, tool die manufacturing, and dry cleaners.

Training

40 Hour HAZWOPER as required by OSHA 29 CFR 1910.120 8 Hour HAZWOPER Supervisor OSHA Certification 30-Hour OSHA Occupational Health and Safety

John C. Flannelly Environmental Division Manager

Education

A.S. General Studies Vincennes University 1985

A S. Conservation Law Enforcement Vincennes University 1986

Professional Summary

Mr. Flannelly has 26 years experience in the environmental field and is the Environmental Division Manager and a Senior Project Manager for the Environmental Services Division of Alt & Witzig Consulting Services. In this capacity, Mr. Flannelly is responsible for management of all aspects of the Environmental Division. Additionally, Mr. Flannelly has completed numerous phases of environmental investigations including environmental site assessments for real estate transactions, implementation of remedial action programs for contaminated soil and groundwater, supervision of underground storage tank removals and corrective action, supervision of geophysical studies and performing asbestos surveys.

Project Experience

- Senior Project Manager responsible for the assessment of numerous sites undergoing acquisition, divestiture or refinancing. Assessed manufacturing complexes, single and multi-family residences, service stations, commercial buildings, hotels, industrial sites and undeveloped sites. Evaluated these sites for the presence of soil and groundwater contamination, asbestos, underground storage tanks and PCB transformers.
- Senior Project Manager responsible for performing and supervising asbestos surveys on commercial complexes and residential properties prior to acquisition or demolition.
- Senior Project Manager responsible for delineation of existing contamination plumes at various service stations, bulk plants and industrial sites. The investigation included performing soil borings and installation of monitoring wells.
- Senior Project Manager responsible for remedial investigations involving subsurface investigation, groundwater sampling, design of in-situ bio treatment systems and bio augmented landfarming systems. Coordinated contaminated soil excavation operations and further remediation programs in conjunction with regulatory agencies and state regulated landfills.
- Senior Project Manager responsible for Emergency Response coordinating. The response includes first containment of gasoline and chemical spills and coordinating follow-up remedial action.
- Senior Project Manager responsible for numerous Phase II Subsurface Investigations at gasoline stations, dry cleaning facilities, and former industrial facilities for package property transfers and regulatory compliance.
- Senior Project Manager responsible for oversight and reporting of numerous routine long-term monitoring projects.



