

Sebree Solar, LLC

Case No. 2021-00072

Application - Volume 2

Tab 12

Attachment A

Exhibit 6

Phase I Environmental

Site Assessment

(392 Pages)

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**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

for

Sebree Solar, LLC

(a subsidiary of NextEra Energy Resources, LLC)

700 Universe Boulevard

Juno Beach, Florida 33408

of the

Sebree Solar Project

Henderson County, Kentucky

December 14, 2020

ECT No. 200196-0800

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Signature(s) of Environmental Professional(s)

The dual signatory process is an integral part of Environmental Consulting & Technology, Inc.'s (ECT's) Document Review Policy No. 9.03. All ECT documents undergo technical/peer review prior to dispatching these documents to any outside entity.

The environmental assessment described herein was conducted by the undersigned employees of ECT. ECT's investigation consisted solely of the activities described in the Introduction of this report, and in accordance with the Terms and Conditions of the Standard Consulting Services Agreement signed prior to initiation of the assessment, as applicable.

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professionals as defined in §312.10 of 40 C.F.R. 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.


This document has been authored and reviewed by the following employees:

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December 10, 2020
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List of Acronyms

AAI	All Appropriate Inquiry
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AUL	Activity Use Limitation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CREC	Controlled Recognized Environmental Condition
ECHO	Enforcement and Compliance History Online
ECT	Environmental Consulting & Technology, Inc.
EDR	Environmental Data Resources, Inc.
EEC	Energy and Environment Cabinet
EPA	Environmental Protection Agency
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Registry System
FOIA	Freedom of Information Act
HREC	Historical Recognized Environmental Condition
LUST	Leaking Underground Storage Tank
PCB	Polychlorinated Biphenyls
PSTEAF	Petroleum Storage Tank Environmental Assurance Fund
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SEMS	Superfund Enterprise Management System
SHWS	State Hazardous Waste Sites
SWF/LF	Solid Waste Facilities/Landfill
TEMPO	Tools for Environmental Management and Protection Organization
TSD	Treatment, Storage or Disposal
USGS	United States Geological Survey
UST	Underground Storage Tank

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1.0 Summary

Environmental Consulting & Technology, Inc. (ECT) has performed a Phase I Environmental Site Assessment (ESA) for Sebree Solar, LLC – a subsidiary of NextEra Energy Resources, LLC – (the Client) of the Sebree Solar Project (herein referred to as the Subject Property) described below in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Practice E 2247-16 (Forestland or Rural Properties).

The Subject Property is comprised of 46 individual parcels and contains approximately 3,430 acres of land located outside of the City of Robards, in Henderson County, Kentucky. The Subject Property is predominantly used as agricultural and/or pastureland with occasional residences, farmstead structures, cemeteries, and forested areas. In addition, the Subject Property contains features associated with oil production operations, including six oil wells and four associated tank batteries.

The purpose of this assessment was to identify potential adverse environmental conditions associated with the Subject Property, which include any Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs) or Controlled Recognized Environmental Conditions (CRECs) that may exist, or have existed on the Subject Property. The research attempted to identify conditions indicative of an existing release, past release, or a material threat of a release of any hazardous substances or petroleum products. RECs, HRECs and CRECs do not include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This assessment has revealed no evidence of RECs, HRECs, or CRECs associated with the Subject Property. However, four *de minimis* conditions were identified during this assessment:

- ECT observed minimal surficial staining at almost every crude oil well and associated tank battery on the Subject Property at the time of the site visit. Most significantly, a dark stain, estimated as five feet by three feet, was observed within the gravel berm area at Oil Tanks #3 (Parcel #71-45), and surficial staining was also observed at the wellhead and below the well body structure at Oil Well #5 (Parcel #71-45). Based on the extent of the staining, ECT believes the potential environmental impact related to the crude oil production on the Subject Property is localized to the immediate area of the wells and/or tanks, thus, is considered a *de minimis* condition.
- The owner representative of Parcel #59-20 indicated that a historic release occurred from an underground petroleum pipeline associated with an oil well. The representative mentioned that impacted soils were excavated and removed. However, the parcel was owned by his father at the time of the incident, and he was not aware of any additional information. ECT has not been able to access any documentation about this incident. Without available analytical data, ECT cannot verify this incident is an HREC.
- Approximately 100 oil/gas wells have been historically reported on or directly adjoining the Subject Property. Typically located within 200 feet from the well, a potential reserve pit used to dispose the soil cutting and drilling fluids may have been buried on the Subject Property. Based on correspondences with Kentucky's Oil and Gas Division, any potential release of materials from the reserve pits are considered *de minimis* conditions.

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- ECT observed six areas of various debris on the Subject Property at the time of the site visit. The debris included an empty, approximate 3,000-gallon scrap tank; metal sheeting and building materials; small quantity paint cans and oil containers; broken concrete; and appliances. No ground staining or evidence of a release of materials was observed, thus, ECT believes the presence of the various debris on the Subject Property represents a *de minimis* condition.

There are no available records describing the location or status of underground piping related to the abandoned and active oil/gas wells. It is unknown if any abandoned piping remains present at the Subject Property. During construction activities, if abandoned piping is identified or if unusual staining or odor are identified in subsurface soils, all activities should cease for additional investigation.

Furthermore, ECT recommends properly disposing the various debris on the Subject Property prior to construction activities. ECT also identified an irrigation well on Parcel #59-31 of the Subject Property. ECT recommends having a licensed contractor abandoned the well, if desired to be removed.

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2.0 Introduction

The Subject Property is comprised of 46 individual parcels and contains approximately 3,430 acres of land located outside of the City of Robards, in Henderson County, Kentucky. The Site Location Map is provided as **Figure 1**. The Subject Property is predominantly used as agricultural and/or pastureland with occasional residences, farmstead structures, cemeteries, and forested areas. In addition, the Subject Property contains features associated with oil production operations, including six oil wells and four associated tank batteries. The Site and Surrounding Properties Map is provided as **Figure 2**.

2.1 Purpose

The Client requested that ECT conduct a Phase I ESA for the purpose of identifying the presence/absence of RECs in connection with the proposed solar energy farm development. This Phase I ESA includes information gathered from federal, state, and local agencies; personal interviews with people familiar with the Subject Property and surrounding properties; and a site reconnaissance conducted by ECT representatives. The report is intended to meet the due diligence requirements of ASTM Practice E 2247-16.

The purpose of ASTM Practice E 2247-16 is to define good commercial and customary practice in the United States of America for conducting an *environmental site assessment of forestland or rural properties* with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA; 42 U.S.C. §9601) and *petroleum products*. The goal of the processes established by ASTM Practice E 2247-16 is to identify *recognized environmental conditions (RECs)* and *de minimis* conditions. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report.

The objective of Phase I ESAs is to provide *all appropriate inquiries* into the previous ownership and uses of the *property* consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35)(B) to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner, contiguous property owner, or bona fide prospective purchaser* limitations on CERCLA liability (a.k.a., *landowner liability protections*). The goal of Phase I ESAs is to identify current, historical, and controlled recognized environmental conditions (RECs) and *de minimis* conditions in connection with the property, to the extent feasible pursuant to the processes prescribed in the ASTM Practice E 2247-16 guidelines. The terms current, historical, and controlled RECs and *de minimis* conditions are defined by ASTM in the following paragraphs.

A current REC is 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 includes hazardous substances or petroleum products even under conditions in compliance with laws.

A historical REC is a past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Subject Property to any required controls.

A controlled REC is 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 (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority),

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with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

A *de minimis* condition is a condition that generally does not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not current, historical, or controlled *RECs*.

2.2 Detailed Scope of Services

The Phase I ESA conducted by ECT included, but was not limited to, the following services:

- A site reconnaissance of the Subject Property to look for evidence of the release(s) of hazardous materials and petroleum products and to assess the potential for onsite releases of hazardous materials and petroleum products;
- Drive-by observations of adjoining properties and the site vicinity;
- Interviews with people familiar with the participating properties, as available;
- Interviews with government or regulatory representatives, as available;
- Review of regulatory agency file information;
- Review of historical documents, as available; and
- Preparation of a report presenting the Phase I ESA findings including a summary of conclusions and recommendations.

2.3 Significant Assumptions

ECT assumes that the information provided by the Client representatives, owner representatives, the regulatory database electronic search report provider, and the regulatory agencies is true and reliable.

2.4 Limitations and Exceptions

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, the schedule as agreed upon by ECT, and the party for whom this report was originally prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, expressed or implied, is intended or given. To the extent that ECT relied upon any information prepared by other parties not under contract to ECT, ECT makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

The findings presented in this report apply solely to site conditions existing at the time when ECT's assessment was performed. It must be recognized, however, that an environmental site assessment is intended for the purpose of determining the potential for contamination through limited research and investigative activities and in no way represents a conclusive or complete site characterization. Conditions in other parts of the project

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site may vary from those at the locations where data were collected. ECT's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100 percent confidence in environmental site assessment conclusions cannot reasonably be achieved.

ECT, therefore, does not provide any guarantees, certifications, or warranties that a property is free from environmental contamination. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

2.5 Special Terms and Conditions

The scope of work for this Phase I ESA did not include testing of electrical equipment for the potential presence of polychlorinated biphenyls (PCBs) or the assessment of natural hazards such as methane gas, assessment of the potential presence of radionuclides, or assessment of non-chemical hazards such as the potential for damage from earthquakes or floods.

2.6 User Reliance

This Phase I ESA was conducted for the use of and reliance by Sebree Solar, LLC – a subsidiary of NextEra Energy Resources, LLC – and may be relied upon only by these parties, their affiliates, and by their lending sources. No use of the information contained in this report by others is permissible without receiving prior written authorization to do so from ECT. ECT is not responsible for independent conclusions, opinions, or recommendations made by others or otherwise based on the findings presented in this report.

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3.0 Site Description

3.1 Site Location

The Subject Property is comprised of 46 individual parcels and contains approximately 3,430 acres of land in Henderson County, Kentucky. The Site Location Map is provided as **Figure 1**, and the Parcel List is included as **Appendix A**.

3.2 Subject Property and Vicinity General Characteristics

The Subject Property is located outside of the City of Robards, but the surrounding area of the Subject Property is predominantly a mixture of agricultural and/or pastureland, residential development, farms, churches, and cemeteries. The Site and Surrounding Properties Map is provided as **Figure 2**.

Several creeks are located in the vicinity of the Subject Property, including Canoe Creek, Grane Creek, and Groves Creek. Lastly, the Ohio River is located approximately seven miles to the north from the Subject Property.

3.3 Current Use of the Subject Property

The Subject Property is predominantly used as agricultural and/or pastureland land with occasional residences, farmstead structures, cemeteries, and forested areas. In addition, Parcel #70-46.1 is currently operating as a model airplane club and launch site, and Parcel #80-4A contains an equestrian loop.

Four parcels of the Subject Property, including Parcels #59-20, #60-54, #71-45, #80-4 contain features associated with oil production operations, including oil wells and tank batteries.

3.4 Previous Site Investigations

No previous site investigations were provided.

3.5 Descriptions of Structures, Roads, and Other Improvements on the Subject Property

3.5.1 General Descriptions of Structures

Residence and farmstead structures are located throughout the Subject Property. An assessment of the interior of these structures was not included in this Phase I ESA. The majority of the structures on the Subject Property appeared occupied; however, ECT observed several vacant farmstead structures on the Subject Property, including Parcels #59-31, #61-37, #70-38, and #80-122.

Confidential Business Information. Do Not Distribute.**3.5.2 Roads**

The Subject Property can be accessed by public roads and private driveways, subject to lease agreements. The main roads in the vicinity of the Subject Property include State Highways 416, 283, and 1299 and Interstate Highway 41.

3.5.3 Potable Water Supply

Residences on the Subject Property are supplied with potable water through individual private water wells.

3.5.4 Sewage Disposal System

Based on the rural nature of the area, sewage waste disposal within the Subject Property is likely managed by individual septic systems. Although, ECT did not observe any septic tanks on the Subject Property at the time of the site visit.

3.6 Current Uses of the Adjoining Properties

The adjoining properties are predominantly used for agricultural, residential, and farming purposes. In addition, the Subject Property is occasionally adjoined by a church (Parcel #59-20), cemeteries (Parcels #60-38.1 and #71-48), and an elementary school (Parcel #71-52). Lastly, the Louisville and Nashville Railroad transects the Subject Property, adjoining Parcels #70-46.1, #70-5, #70-6, #71-1, #71-2, and #71-38.

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4.0 User Provided Information

This section identifies information provided by the Client user representative (Mr. John O’Hair). The completed Questionnaire Form is included in **Appendix B**.

4.1 Title Records

The owners of the Subject Property are comprised of private individuals, farming corporations, and/or trustees, indicated in **Appendix A**.

4.2 Environmental Liens or Activity and Use Limitations

The Client user representative was asked the following questions as part of the assessment:

- Are you aware of any environmental cleanup liens against the participating properties that are filed or recorded under federal, tribal, state, or local law?
- Are you aware of any activity or land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the participating properties and/or have been filed or recorded in a registry under federal, tribal, state or local law?

The Client user representative responded no to both questions.

4.3 Specialized Knowledge

The Client user representative was asked the following questions as part of the assessment:

- Do you have any specialized knowledge or experience related to the participating properties or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the participating properties or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?
- Are you aware of commonly known or reasonably ascertainable information about the participating properties that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,
 - a) Do you know the past uses of the participating properties?
 - b) Do you know of specific chemicals that are present or once were present at the participating properties?
 - c) Do you know of spills or other chemical releases that have taken place at the participating properties?

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- d) Do you know of any environmental cleanups that have taken place at the participating properties?

The Client user representative was not aware of any chemical releases or environmental cleanups associated with the Subject Property.

The Client user representative was also asked the following questions as part of the assessment:

- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the participating properties?
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the participating properties?
- Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

The Client user representative responded no to the above-mentioned questions.

4.4 Commonly Known or Reasonably Ascertainable Information

The Client user representative was asked the following question as part of the assessment:

- Based on your knowledge and experience related to the participating properties, are there any obvious indicators that point to the presence or likely presence of contamination at the participating properties?

The Client user representative responded no to the above-mentioned question.

4.5 Valuation Reduction for Environmental Issues

The Client user representative was asked whether the valuation considerations for Subject Property reasonably reflects the fair market values. No value reduction for environmental issues was reported.

4.6 Owner, Property Manager, Occupant Information

The owners of the Subject Property are indicated in **Appendix A**.

4.7 Reason for Performing Phase I ESA

The reason for performing the Phase I ESA is to assess the presence/absence of RECs in connection with the proposed solar energy farm development and to qualify for the various owner/operator liability protections under CERCLA.

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5.0 Records Review

ECT reviewed ascertainable federal and state regulatory agency files and conducted a historical review pertaining to the Subject Property, adjoining properties, and the surrounding area.

5.1 Standard Environmental Record Sources

Regulatory agency database information was obtained from Environmental Data Resources, Inc., (EDR), which maps and lists properties in federal and state environmental databases with existing conditions or status that may have the potential to affect the Subject Property. The EDR Area Report is provided as **Appendix C**, and the Database Listed Sites Map is provided as **Figure 3**. The following databases were reviewed in accordance with the ASTM E 2247-16 requirements:

Regulatory Agency Database	No. of Sites within the Subject Property	Minimum Search Distance	No. of Sites within Minimum Search Distance
Federal			
National Priority List (NPL)	0	1 mile	0
Delisted National Priority List (NPL)	0	1 mile	0
Superfund Enterprise Management System (SEMS) formerly known as Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	0	½ mile	0
SEMS-ARCHIVE, formerly known as the CERCLIS No Further Remediation Action Planned (NFRAP)	0	½ mile	0
Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS)	0	1 mile	0
RCRA non-CORRACTS Treatment, Storage or Disposal (TSD)	0	½ mile	0
RCRA Large Quantity Generators (LQG)	0	¼ mile	0
RCRA Small Quantity Generators (SQG)	0	¼ mile	0
RCRA Very Small Quantity Generators (VSQG)	0	¼ mile	0
Institutional/Engineering Controls	0	½ mile	0
Emergency Response Notification System	0	Site Only	0
Drycleaners	0	¼ mile	0
State			
State and Tribal Equivalent CERCLIS (SHWS)	0	1 mile	1
Solid Waste Disposal/Landfill (SWF/LF)	0	½ mile	1
Leaking Underground Storage Tanks (LUST/PSTEAF)	0	½ mile	1
Underground Storage Tanks (UST)	0	¼ mile	4
State Institutional/Engineering Controls	0	½ mile	0
Brownfields	0	½ mile	0
Voluntary Cleanup Program	0	½ mile	0

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The Subject Property is not identified in any of the standard environmental databases. Below is a summary of sites identified in the standard environmental databases; the site identification refers to **Appendix C** and **Figure 3**.

Site 11: Robards Elementary School adjoins the Subject Property and is identified in the underground storage tank (UST) database. A 500-gallon tank that formerly contained diesel fuel was removed from the ground in December 1997. No releases were reported in connection with the former tank, and no active tanks are reported at this site. ECT reviewed the UST Closure Assessment Report, provided by the Kentucky Energy and Environment Cabinet (EEC). The document indicated that the tank did not appear to be leaking at the time of the removal activities, and there was no evidence in the surrounding soils of a release of materials. Therefore, ECT does not believe this site represents an environmental risk to the Subject Property.

Site B10: Hydes Grocery Inc. is located approximately 1,000 feet from the Subject Property and is identified in the Petroleum Storage Tank Environmental Assurance Fund (PSTEAF), which correlates with leaking underground storage tank (LUST) incidents. Four tanks formerly containing gasoline have been removed from this site between February 1997 and November 2013. The former tanks ranged in sizes between 550 and 1,000-gallons. No active tanks are reported on this site. ECT reviewed several documents for this site, provided by the Kentucky EEC, including the Initial Abatement Report, the UST Closure Assessment Report, and a 2019 Corrective Action Monitoring Report. This site operated as a gasoline filling station between the 1940's and the 1990's. In 1997, petroleum free product was identified in an adjoining residential water meter and a utility manhole after a heavy rain event. Emergency responses were conducted to remove the free product and the tanks.

Groundwater monitoring activities conducted in 2019 indicated that groundwater is flowing to the southwest (away from the Subject Property) and impacted groundwater is confined to approximately 150 feet to the southwest from the site. Based on the abatement activities removing the source of contamination, the relative location, and the direction of groundwater flow, ECT does not believe this site represents an environmental risk to the Subject Property.

It should be noted that Site B8 in **Appendix C** is described as located in the Town of Pendleton, Kentucky, which is located over 100 miles from the Subject Property.

Site 12: Busby's Body Shop is located approximately 1,000 feet from the Subject Property and is identified in the UST database for two 560-gallon tanks that formerly contained gasoline. It is reported that both tanks were closed in place in January 1983. No releases were reported in connection with the former tank, and no active tanks are reported at this site. ECT reviewed several correspondence records, provided by the Kentucky EEC; however, no closure assessment reports were available. The correspondences indicated that the tanks were emptied and filled with concrete before 1988, and no petroleum products were identified during the analytical testing of the surrounding soils. ECT does not believe this site represents an environmental risk to the Subject Property.

Site A: AT&T is located approximately one quarter of a mile from the Subject Property. ECT believes this site is incorrectly mapped in **Appendix C** and has relied on the provided latitude and longitude for its location. This site is identified in the Resource Conservation and Recovery Act (RCRA) Non-Generator database, indicating it historically generated hazardous waste. However, no compliance violations have been recorded. This site is also listed in the UST database for one 3,000-gallon tank that formerly contained diesel and was removed from the ground in February 1992. No releases were recorded in association with the former tank. ECT does not believe this site represents an environmental risk to the Subject Property.

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Site 7: B&C Waste Tire Management is located approximately one quarter of a mile from the Subject Property. ECT believes this site has been incorrectly mapped in **Appendix C** and has relied on the provided address for its location. This site is identified in the Solid Waste Facilities and/or Landfill (SWF/LF) database as a transfer station for solid waste. The status of the facility has been terminated. Based on the relative location and lack of reportable releases or other environmental violations, ECT does not believe this site represents an environmental risk to the Subject Property.

Site 13: Dennis Jones Property is located approximately one half of a mile from the Subject Property and is identified in the State Hazardous Waste Sites (SHWS) database. The status is reported as closed with restoration activities completed in September 1999. Based on the relative location and appropriate closure status, ECT does not believe this site represents an environmental risk to the Subject Property.

5.2 Additional Environmental Record Sources

EDR also provides additional regulatory databases that are not necessarily required in the ASTM Standard. Below is a summary of sites identified in additional environmental regulatory databases. The site identification refers to **Appendix C** and **Figure 3**. Below is a summary of additional regulatory sites that have been identified on the Subject Property:

Site 1: Spill of crude oil was recorded on January 11, 2014 along Meahl-Cates Road at the tank batteries. The amount of released material was not reported. The status of the spill has been closed and is reported as restored. ECT contacted the Kentucky EEC and Henderson County for additional records of the incident; however, neither agency had any records regarding the incident. Based on observations from the site visit, ECT has verified that the spill has been remediated. This site is located on Parcel #59-20 of the Subject Property.

Site 2: Cherry Hill Unit is identified in the federally regulated Facility Index System (FINDS) database, which maintains records of facilities that are monitored by the Environmental Protection Agency (EPA) due to environmental interest. This site is identified in the Tools for Environmental Management and Protection Organization (TEMPO) Program, likely for a well permit. There was no indication that this site is identified in the FINDS database because of the storage or release of hazardous substances and/or petroleum products, thus, ECT does not believe this listing represents an environmental risk. This site is mapped on Parcel #59-31 of the Subject Property.

Site 3: AT&T is also identified in the FINDS database under the RCRA Information Program along with the federally regulated Enforcement and Compliance Historical Online (ECHO). No compliance violations or reportable releases have been recorded in connection with this site. This site is mapped on Parcel #71-1 of the Subject Property, but ECT believes this site is likely associated with the previously identified Site A, which is located approximately one quarter of a mile from the Subject Property. Therefore, ECT does not believe this site represents an environmental risk to the Subject Property.

Site 4: Thorton Walker is also identified in the FINDS database under the TEMPO Program, likely for a well permit. There was no indication that this site is identified in the FINDS database because of the storage or release of hazardous substances and/or petroleum products thus, ECT does not believe this listing represents an environmental risk. This site is located on Parcel #61-29 of the Subject Property.

No adjoining properties are identified in additional environmental regulatory databases, but below is a summary of sites identified in the surrounding area:

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Site 9: Tri County Transmission is identified in the historical automotive station record source as a transmission repair shop in 2001. This site is located approximately 800 feet to the south from the Subject Property and appears residentially developed. Based on the relative location and lack of reportable releases or other environmental violations, ECT does not believe this site represents an environmental risk to the Subject Property.

5.3 Orphan Properties

EDR also provides an orphan summary list in **Appendix C** which identifies properties that cannot be mapped due to poor or inadequate address information. Fourteen (14) sites are identified on the orphan summary list, with the majority listed in the asbestos database. Below is a summary of the environmentally relevant sites on the orphan summary list:

Alcan Aluminum Sebree is listed in the Emergency Response Notification System (ERNS) database for a release of approximately 50 gallons of water-soluble oil that occurred in October 1995. Based on other mapping sources and observations from the site visit, ECT believes this site is likely associated with the industrial development located approximately three miles to the southeast from the Subject Property; therefore, this site does not represent an environmental risk to the Subject Property.

Alcan Inc./Sebree Smelter is listed in the US Mines database as an aluminum supplier and smelter. ECT believes this site is likely associated with the industrial development mentioned above; therefore, this site does not represent an environmental risk to the Subject Property.

5.4 Oil and Gas Wells

ECT also reviewed Kentucky's oil and gas well data. Approximately 100 abandoned and active oil/gas wells are indicated on or directly adjoining the Subject Property. The Oil/Gas Wells Map is provided as **Figure 4**. However, ECT observed discrepancies with the location and/or status of the wells during the site visit compared to the state's data. Additionally, there are no available records describing the location or status of underground piping related to these wells.

Typically located within 200 feet from the well, a potential reserve pit used to dispose the soil cutting and drilling fluids may have been buried on the Subject Property. Based on correspondences with Kentucky's Oil and Gas Division, further discussed in Section 7.3, any potential release of materials from the reserve pits are considered *de minimis* conditions.

5.5 Physical Setting Source(s)

The U.S. Geological Survey (USGS) 2013 topographic map of the Robards, Kentucky quadrangle was reviewed. The Subject Property and surrounding area appear to be elevated between 400 and 450 feet above mean sea level.

5.6 Historical Use Information on the Subject Property

To evaluate historical use of the Subject Property, ECT reviewed readily available topographic maps and aerial photographs.

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5.6.1 Topographic Maps

ECT obtained available historical topographic maps of the Subject Property and vicinity from EDR. The USGS 15-minute series quadrangle maps of Sebree, Kentucky are dated 1906 and 1948. The USGS 7.5-minute series quadrangle maps of Robards, Kentucky are dated 1949, 1951, 1969, and 2013. However, most development features are not represented on the topographic map dated 2013. Copies of the historic topographic maps are provided as **Appendix D**.

The Subject Property appears to be predominantly undeveloped with scattered single structures and cemeteries as early as the topographic map dated 1906. In addition, several oil production fields and oil wells are depicted throughout the Subject Property on the topographic maps dated 1948 through 1969. There was no evidence on the topographic maps that suggested the Subject Property was historically used for landfilling, industrial, or manufacturing purposes.

5.6.2 Aerial Photographs

ECT obtained historical aerial photographs of the Subject Property and vicinity from EDR. A review of historical aerial photographs documents changes that have occurred in land uses and features located at the Subject Property and on adjoining properties. The historical aerial photographs are dated 1956, 1968, 1983, 1998, 2008, 2012, and 2016. Copies of the historical aerial photographs are provided in **Appendix E**.

The Subject Property appears to have been predominantly used as agricultural and/or pastureland with occasional single structures, farmsteads and silos, and forested areas on all available aerial photographs. Occasional gravel roads, likely related to the oil production operations, appear scattered on the Subject Property. There was no evidence on the aerial photographs that suggested the Subject Property was historically used for landfilling, industrial, or manufacturing purposes.

5.7 Historical Use Information on Adjoining Properties

To evaluate the historical use of the adjoining properties, ECT reviewed readily available topographic maps and aerial photographs.

5.7.1 Topographic Maps

ECT obtained available historical topographic maps of the Subject Property and vicinity from EDR. The USGS 15-minute series quadrangle maps of Sebree, Kentucky are dated 1906 and 1948. The USGS 7.5-minute series quadrangle maps of Robards, Kentucky are dated 1949, 1951, 1969, and 2013. However, most development features are not represented on the topographic map dated 2013. Copies of the historic topographic maps are provided as **Appendix D**.

The City of Robards appears developed with several single structures as early as the topographic map dated 1906. The adjoining properties and surrounding area of the Subject Property appear to be predominantly undeveloped with scattered single structures, cemeteries, and churches on all available topographic maps. In addition, several oil production fields and oil wells are depicted throughout the surrounding area on the topographic maps dated 1948 through 1969. There was no evidence on the topographic maps that suggested the adjoining properties were historically used for landfilling, industrial, or manufacturing purposes.

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5.7.2 Aerial Photographs

ECT obtained historical aerial photographs of the Subject Property and vicinity from EDR. A review of historical aerial photographs documents changes that have occurred in land uses and features located at the Subject Property and on adjoining properties. The historical aerial photographs are dated 1956, 1968, 1983, 1998, 2008, 2012, and 2016. Copies of the historical aerial photographs are provided in **Appendix E**.

The City of Robards appears developed with residences and small commercial businesses as early as the aerial photograph dated 1956, and the Subject Property appears to be predominantly adjoined by a mixture of agricultural/pastureland, wooded forested areas, and residential development on all available aerial photographs. There was no evidence on the aerial photographs that suggested the adjoining properties were historically used for landfilling, industrial, or manufacturing purposes.

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6.0 Site Reconnaissance

Ms. Maura Gibbons of ECT performed the site visit on October 13 through October 15, 2020 to observe general site conditions and indications of the possible release(s) of chemicals to the subsurface to identify visible evidence of recognized environmental conditions. Photographs taken during ECT's site inspection are included in **Appendix F**.

Ms. Gibbons prepared this Phase I ESA report documenting ECT's observations and documentation review, and Mr. Dirk Mammen provided final technical review. Qualifications for Ms. Gibbons and Mr. Mammen are included in **Appendix G**.

6.1 Methodology and Limiting Conditions

ECT was provided full access to the Subject Property. The methodology for the site reconnaissance included vehicular and walking observations of the Subject Property.

6.2 General Site Setting

6.2.1 **Current Use(s) of the Subject Property**

The Subject Property is predominantly used as agricultural and/or pastureland land with occasional residences, farmstead structures, cemeteries, and forested areas. In addition, Parcel #70-46.1 is currently operating as a model airplane club and launch site, and Parcel #80-4A contains an equestrian loop.

Four parcels of the Subject Property, including Parcels #59-20, #60-54, #71-45, #80-4 contain features associated with oil production operations, including oil wells and tank batteries.

6.2.2 **Past Use(s) of the Subject Property**

No evidence of past uses on the Subject Property were observed other than for their current uses.

6.2.3 **Current Uses of Adjoining Properties**

The adjoining properties are predominantly used for agricultural, residential, and farming purposes. In addition, the Subject Property is occasionally adjoined by a church (Parcel #59-20), cemeteries (Parcels #60-38.1 and #71-48), and an elementary school (Parcel #71-52). Lastly, the Louisville and Nashville Railroad transects the Subject Property, adjoining Parcels #70-46.1, #70-5, #70-6, #71-1, #71-2, and #71-38.

6.2.1 **Past Uses of Adjoining Properties**

No observations were seen to indicate any prior past uses of the adjoining properties other than their current uses.

6.2.2 **Current or Past Uses in the Surrounding Area**

The surrounding area of the Subject Property is predominantly a mixture of agricultural and/or pastureland, residential development, farms, churches, and cemeteries.

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6.2.3 Geologic and Hydrogeologic Conditions

Provided by the U.S. Geological Survey, the Subject Property is generally underlain by sedimentary bedrock of the Sturgis Formation of the Pennsylvanian System. Surficial soils in the vicinity of the Subject Property are generally classified as alluvium glacial deposits from the Ohio River and/or sediments such as shale, sandstone, and coal from the underlying bedrock.

Generally, groundwater is likely to follow the natural topography to the closest body of water. The Ohio River is located approximately seven miles to the north from the Subject Property, and Canoe Creek transects the general area of the Subject Property. Based on a review of the topographic maps, the topography in the vicinity of the Subject Property generally slopes towards to the north.

6.3 Observations

The following items were looked for, or identification was attempted, as indicated in the ASTM standard. The Site Visit Observations Map is provided as **Figure 5**.

6.3.1 Hazardous Substances and Petroleum Products in Connection with Identified Uses

The presence of hazardous substances or petroleum products in connection with the Subject Property was investigated. At the time of the site visit, six crude oil wells and four associated tank batteries (including storage tanks, aboveground piping, and/or a dispensing valve) were observed on the Subject Property for oil production purposes. The wells are connected to the associated tank batteries via underground piping. All four of the tank batteries appeared to be contained within a gravel berm, except for their dispensing valves which were located at the exterior edge of the berm. Two of the tank batteries (Oil Tanks #3 and #4) appeared overgrown with vegetation and lacked a dispensing valve, suggesting they may be out of use.

In addition, a mostly empty 55-gallon drum and 10 empty small quantity containers (5-gallons or less), likely for the use of containing crude oil, were observed in the vicinity of Oil Wells #4 and #5 at the time of the site visit. Further discussed in Section 6.3.10, surficial oil staining was identified below most of the crude oil wells and tank batteries. However, ECT believes the potential environmental impact is localized to the immediate area of the wells and/or tanks, thus, is considered a *de minimis* condition.

ECT also observed occasional storage containers related to general farm maintenance on the Subject Property, including gasoline and diesel fuel ASTs; storage totes/drums suspected of containing oils; and fertilizer/pesticide portable spray applicators. All farm-related storage containers were observed in the vicinity of the farmstead structures; no farm-related storage containers were observed on the agricultural fields of the Subject Property. Furthermore, no ground staining was observed in connection with any of the farm-related storage containers at the time of the site visit. ECT does not consider the presence of the farm-related storage containers to represent an environmental risk to the Subject Property.

No other hazardous substances or petroleum products storage containers in connection with identified uses were observed on the Subject Property at the time of the site visit.

6.3.2 Storage Tanks

ECT looked for aboveground storage tanks (ASTs), USTs, and evidence of USTs (e.g., vent pipes, fill pipes, or access ways indicating USTs) during the site reconnaissance.

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ECT observed four tank batteries associated with the crude oil wells on the Subject Property:

Tank Notation (refer to Figure 5)	Parcel ID	Tank Information	Containment	Ground Staining
Oil Tanks #1	59-20	2x 3,000-gallon steel tanks	Gravel berm	None below tanks; Minimal at dispensing valve
Oil Tanks #2	60-54	2x 3,000-gallon steel tanks	Gravel berm	None below tanks; Minimal at dispensing valve
Oil Tanks #3	71-45	2x 3,000-gallon steel tanks	Gravel berm (overgrown)	Yes - below tanks; No dispensing valve
Oil Tanks #4	80-4	2x 3,000-gallon steel tank 1x 4,000-gallon steel tank 1x 1,000-gallon plastic cistern	Gravel berm (overgrown)	None below tanks; No dispensing valve

As discussed on Section 6.3.1, ECT believes the potential environmental impact related to the crude oil production is localized to the immediate area of the wells and/or tanks, thus, is considered a *de minimis* condition.

ECT also observed numerous farm-related ASTs, all located in the vicinity of the farmstead structures, on the Subject Property:

Parcel ID	Tank Information	Containment	Ground Staining
59-20	1x 1,000-gallon fuel steel tank (appeared not in use)	None	None
61-31	1x 100-gallon portable plastic fertilizer tank (empty)	None	None
61-34	1x 300-gallon steel tank (appeared not in use) 1x 500-gallon steel tank (appeared not in use)	None	None
60-38.1	1x 500-gallon gasoline steel tank 1x 1,000-gallon steel cistern (appeared not in use)	None	None
71-38	1x 500-gallon gasoline tank 1x 500-gallon diesel tank	None	None
71-45	1x 8,000 gallon fuel steel tank 1x 100-gallon portable plastic fertilizer tank (empty)	None	None
80-4A	1x 500-gallon gasoline steel tank 1x 100-gallon portable plastic fertilizer tank (empty)	None	None

ECT does not believe the various farm-related storage containers represent an environmental risk to the Subject Property because of the lack of evidence of a release of materials.

ECT also observed several propane ASTs on the Subject Property, including on Parcels #59-21, #61-29, #61-31, and #71-45. However, ECT generally does not consider the storage of propane as an environmental risk because of its fast vaporization rate.

Lastly, ECT observed an approximate 3,000-gallon scrap tank on Parcel #59-31 of the Subject Property. At the time of the site visit, the tank appeared empty, and there was no evidence of a release of materials. ECT considers the scrap tank, in addition with other various debris further discussed in Section 6.3.12, as a *de minimis* condition.

No USTs or evidence of USTs were observed on or adjoining the Subject Property at the time of the site visit.

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The Subject Property was checked for strong, pungent, or noxious odors and their sources during the site reconnaissance. Slight petroleum odors were observed at all oil wells and tank batteries on the Subject Property.

In addition, ECT observed a strong manure odor on Parcel #80-122 at the time of the site visit. The odor was associated with an area that was darkly stained and lacked vegetation. ECT suspects the odor is related to a manure loading area, which is depicted on **Figure 5**. ECT does not consider the use or storage of manure as an environmental risk to the Subject Property.

6.3.4 Pools of Liquid

ECT looked for standing surface water and pools or sumps containing liquids likely to contain hazardous substances or petroleum products during the site reconnaissance. No standing surface water, pools, or sumps likely to contain hazardous substances or petroleum products were observed on or adjoining the Subject Property at the time of the site reconnaissance.

6.3.5 Drums

ECT looked for storage drums during the site reconnaissance. Below is a summary of the storage drums observed on the Subject Property at the time of the site visit:

Parcel ID	Drum Information	Drum Use	Ground Staining
61-30	3x metal 55-gallon drums	Fire Pit/Trash Cans	None
61-31	4x metal 55-gallon drums	Fire Pit/Trash Cans	None
71-38	3x plastic 55-gallon drums	Empty	None
71-45	1x metal 55-gallon drum 2x metal 55-drums 1x plastic 275-gallon tote	Barricade Empty Empty	None
71-45 Oil Well #5	1x metal 55-gallon drum	Residual crude oil sludge	None
80-4A	1x metal 55-gallon drum	Trash Can	None

With the exception of the drum near Oil Well #5 on Parcel #71-45, all of the other storage drums were observed in the vicinity of the farmstead structures. ECT does not believe the various storage drums represent an environmental risk to the Subject Property because of the lack of evidence of a release of materials.

6.3.6 Hazardous Substance and Petroleum Products Containers (not necessarily in connection with identified uses)

ECT looked for hazardous substances and petroleum products containers during the site reconnaissance. No hazardous substances and petroleum products other than those described in Section 6.3.1 were observed on or adjoining the Subject Property at the time of the site reconnaissance.

6.3.7 Unidentified Substance Containers

ECT looked for open or damaged containers containing unidentified substances suspected of being hazardous substances or petroleum products during the site reconnaissance. At Oil Wells #4 and #5, ECT observed several unlabeled small quantity containers scattered on the ground. Many of the containers were missing lids, but they appeared empty at the time of the site visit. ECT believes these containers are used for the collection of crude oil from the associated well.

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ECT looked for electrical or hydraulic equipment known to contain PCBs or likely to contain PCBs during the site reconnaissance. ECT observed several pole-mounted transformers, in variable conditions, on and adjoining the Subject Property. At the time of the site visit, one of the pole-mounted transformers on the Subject Property appeared to be stained by transformer oil; however, the pole mounted transformer was labeled as non-PCB containing. Furthermore, no ground staining or dead vegetation was observed below the stained transformer, thus, ECT does not consider this stained transformer an environmental risk to the Subject Property. The transformer was observed on Parcel #61-37 and is depicted on **Figure 5**.

No other equipment suspected of containing PCBs were observed on or adjoining the Subject Property at the time of the site visit.

6.3.9 Pits, Ponds, or Lagoons

ECT looked for pits, ponds, or lagoons on the Subject Property and on adjoining properties (to the extent they were visually and/or physically observable from the Subject Property) during the site reconnaissance. Several ponds were observed on the Subject Property, including on Parcels #59-20, #59-31, #61-30, #61-31, #61-58, #61-59, #71-1, #71-38, and #71-45. However, there were no indications of any hazardous substances and/or petroleum products within the ponds on or adjoining the Subject Property.

6.3.10 Stained Soil or Concrete

ECT looked for areas of stained soil or pavement during the site reconnaissance. ECT observed minimal surficial staining at almost every crude oil well and/or associated tank battery on the Subject Property at the time of the site visit. Most significantly, a dark stain, estimated as five feet by three feet, was observed within the gravel berm area at Oil Tanks #3, and surficial staining was also observed at the wellhead and below the well body structure at Oil Well #5. Based on the extent of the staining, ECT believes the potential environmental impact related to the crude oil production is localized to the immediate area of the wells and/or tanks, thus, is considered a *de minimis* condition.

In addition, ECT observed a large, dark stained area on the agricultural field on Parcel #80-122. As indicated in Section 6.3.3, this area had a strong manure odor, and ECT believes it is likely a manure loading area. ECT does not consider the use or storage of manure as an environmental risk to the Subject Property.

6.3.11 Stressed Vegetation

ECT looked for areas of stressed vegetation (from other than insufficient watering) during the site reconnaissance. Some dead vegetation was observed at the stained area within the gravel berm at Oil Tanks #3. The berm was overgrown with vegetation at the time of the site visit, except for the area of the stain.

6.3.12 Solid Waste

ECT looked for areas that are apparently filled or graded by non-natural causes (or filled by fill of unknown origin) suggesting trash construction debris, demolition debris, or other solid waste disposal, or mounds or depressions suggesting trash or other solid waste disposal during the site reconnaissance. Below is a summary of the solid waste observed on the Subject Property at the time of the site visit:

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Debris Area (refer to Figure 5)	Parcel ID	Materials	Ground Staining
Debris Area #1	59-20	Metal sheeting & building materials	None
Debris Area #2	59-31	Scrap tank, TVs, & drum lids	None
Debris Area #3	61-28	Building materials & metal scraps	None
Debris Area #4	71-48	Trash, paint cans, small oil containers, & tires	None
Debris Area #5	71-45	Broken concrete & soil mound	None
Debris Area #6	61-37	Metal sheets, appliances, & building materials	None

Based on the type and quantities of materials observed and the lack of ground staining, ECT believes the presence of the various debris on the Subject Property represents a *de minimis* condition. However, ECT recommends properly disposing the debris.

6.3.13 Wastewater

ECT looked for wastewater or other liquids (including storm water) or any discharge into a drain, ditch, underground injection system, or stream on or adjoining to the Subject Property during the site reconnaissance. Stormwater runoff is expected to seep into the ground and follow natural topography to the nearest drainage creek or ditch. ECT observed several drainage creeks and ditches on and adjoining the Subject Property. However, no wastewater appeared to be discharging at the time of the site visit, and the drainage systems appeared mostly dry.

6.3.14 Wells

ECT looked for wells, including dry wells, irrigation wells, injection wells, monitoring wells, abandoned wells, or other wells during the site reconnaissance. ECT observed six oil wells associated with the crude oil production on the Subject Property:

Well Notation (refer to Figure 5)	Parcel ID	Well Information	Ground Staining at Wellhead	Ground Staining below Body
Oil Well #1	59-20	Gravel ground	Minimal	None
Oil Well #2	59-20	Gravel/native soil ground	Minimal	Minimal
Oil Well #3	60-54	Gravel ground	Minimal	Minimal
Oil Well #4	71-45	Overgrown vegetation	Minimal	Minimal
Oil Well #5	71-45	Overground vegetation	Yes	Yes
Oil Well #6	80-4	Overgrown vegetation	Minimal	Minimal

As discussed on Section 6.3.1, ECT believes the potential environmental impact related to the crude oil production is localized to the immediate area of the wells and/or tanks, thus, is considered a *de minimis* condition.

In addition, individual potable water wells were observed in association with the residences on the Subject Property, and a suspected abandoned irrigation well was observed on Parcel #59-31. The irrigation well is indicated on **Figure 5**. ECT does not consider the presence of the irrigation well as an environmental risk but recommends the well be appropriately abandoned by a licensed contractor if desired to be removed.

6.3.15 Septic Systems

ECT looked for indications of onsite septic systems or cesspools during the site reconnaissance. No septic tanks were observed on the Subject Property at the time of the site visit; however, based on the rural nature, sewage disposal on the Subject Property may be managed by individual septic systems.

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6.3.16 Other

No other relevant environmental conditions were identified on the Subject Property.

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7.0 Interviews

7.1 Interviews with Landowners

All of the landowners of the Subject Property were mailed an environmental questionnaire form. The completed questionnaire forms are provided in **Appendix B**. Below is a summary of the relevant information:

- Parcel #59-20: The owner representative indicated that a historic release occurred from an underground petroleum pipeline associated with an oil well. The representative mentioned that impacted soils were excavated and removed. However, the parcel was owned by his father at the time of the incident, and he was not aware of any additional information. ECT has not been able to access any documentation about this incident. The suspect location, based on the existing wells, is indicated on **Figure 5**.
- Parcel #59-20: Several decades ago, a small pond was backfilled using off-site soils. The owner representative indicated the soils came from a nearby farm. Based on the type of fill material reported and a review of aerial photographs to confirm the size of the pond, ECT does not consider this an environmental risk to the Subject Property.
- Parcel #71-52: Approximately 30 years ago, a small pond near the farmstead structures was backfilled using onsite farm soils. Based on the type of fill material reported and a review of aerial photographs to confirm the size of the pond, ECT does not consider this an environmental risk to the Subject Property.
- Numerous owner representatives indicated there have been former oil/gas wells and associated features on the Subject Property. The owner representatives were not aware if any abandoned underground piping remain present currently.

No other notable conditions were reported by the owner representatives.

7.2 Interviews with Site Contacts

The Client user and owner representatives were asked if they knew whether any of the documents below exist and, if so, whether copies would be provided:

- Environmental Site Assessment reports
- Environmental audit reports
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System permits, underground injection permits)
- Registrations for USTs and ASTs
- Registrations for underground injection systems
- Material safety data sheets

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- Community right-to-know plan
- 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
- Risk assessments
- Recorded Activity Use Limitations

The above-listed documentation was either not available or applicable.

The Client user representative was also asked to answer the following questions as part of the assessment:

- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?
- Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

The Client user representative answered no to the above questions.

7.3 Interviews with Local Government Officials

On September 16, 2020, ECT spoke with Mr. Dennis Hatfield, Director of the Oil/Gas Division of the Kentucky EEC. He indicated that records of oil and gas development projects do not include information related to potential drill cutting reserve pits as they are not regulated. He indicated that he is not aware of environmental impediments associated with reserve pits.

ECT also spoke with Ms. Whitney Smith, a representative of the Henderson County Environmental Health Department, on November 5, 2020. The representative was not aware of any environmental remediation activities, illegal dumping sites, or known contamination within a three mile radius from the City of Robards, Kentucky.

Summaries of these correspondences are provided in **Appendix B**.

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8.0 Findings, Opinions and Conclusions

ECT has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 2247-16 and the 30 CFR 312 (All Appropriate Inquiry) of the Subject Property, located in Henderson County, Kentucky. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report. This assessment has identified no RECs, no HRECs, and no CRECs in connection with the Subject Property.

The following summary provides a description of the known or suspect RECs, historical RECs, controlled RECs, and *de minimis* conditions that were discovered during the Phase I ESA investigation.

8.1 Known or Suspected Current RECs

No RECs were identified during this Phase I ESA.

8.2 Historical RECs

No HRECs were identified during this Phase I ESA.

8.3 Controlled RECs

No CRECs were identified during this Phase I ESA.

8.4 De Minimis Conditions

Four *de minimis* conditions were identified during this Phase I ESA:

- ECT observed minimal surficial staining at almost every crude oil well and associated tank battery on the Subject Property at the time of the site visit. Most significantly, a dark stain, estimated as five feet by three feet, was observed within the gravel berm area at Oil Tanks #3 (Parcel #71-45), and surficial staining was also observed at the wellhead and below the well body structure at Oil Well #5 (Parcel #71-45). Based on the extent of the staining, ECT believes the potential environmental impact related to the crude oil production on the Subject Property is localized to the immediate area of the wells and/or tanks, thus, is considered a *de minimis* condition.
- The owner representative of Parcel #59-20 indicated that a historic release occurred from an underground petroleum pipeline associated with an oil well. The representative mentioned that impacted soils were excavated and removed. However, the parcel was owned by his father at the time of the incident, and he was not aware of any additional information. ECT has not been able to access any documentation about this incident. Without available analytical data, ECT cannot verify this incident is an HREC.
- Approximately 100 oil/gas wells have been historically reported on or directly adjoining the Subject Property. Typically located within 200 feet from the well, a potential reserve pit used to dispose the soil cutting and drilling fluids may have been buried on the Subject Property. Based on

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correspondences with Kentucky's Oil and Gas Division, any potential release of materials from the reserve pits are considered *de minimis* conditions.

- ECT observed six areas of various debris on the Subject Property at the time of the site visit. The debris included an empty, approximate 3,000-gallon scrap tank; metal sheeting and building materials; small quantity paint cans and oil containers; broken concrete; and appliances. No ground staining or evidence of a release of materials was observed, thus, ECT believes the presence of the various debris on the Subject Property represents a *de minimis* condition.

8.5 Opinion

There are no available records describing the location or status of underground piping related to the abandoned and active oil/gas wells. It is unknown if any abandoned piping remains present at the Subject Property. During construction activities, if abandoned piping is identified or if unusual staining or odor are identified in subsurface soils, all activities should cease for additional investigation.

Furthermore, ECT recommends properly disposing the various debris on the Subject Property prior to construction activities. ECT also identified an irrigation well on Parcel #59-31 of the Subject Property. ECT recommends having a licensed contractor abandoned the well, if desired to be removed.

8.6 Conclusion

ECT has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 2247-16 of the Subject Property, located in Henderson County, Kentucky. No RECs, HRECs, or CRECs were identified during this assessment. However, four *de minimis* conditions related to oil/gas wells and various debris were identified.

There are no available records describing the location or status of underground piping related to the abandoned and active oil/gas wells. It is unknown if any abandoned piping remains present at the Subject Property. During construction activities, if abandoned piping is identified or if unusual staining or odor are identified in subsurface soils, all activities should cease for additional investigation.

Furthermore, ECT recommends properly disposing the various debris on the Subject Property prior to construction activities. ECT also identified an irrigation well on Parcel #59-31 of the Subject Property. ECT recommends having a licensed contractor abandoned the well, if desired to be removed.

Confidential Business Information. Do Not Distribute.

9.0 Deviations/Data Gaps

The following deviations and/or data gaps, as defined by §312.10 of AAI final rule and §12.7 of ASTM E 2247-16 that have been identified within this Phase I ESA are as follows:

- There are no available records describing the location or status of underground piping related to the abandoned and active oil/gas wells. It is unknown if any abandoned piping remains present at the Subject Property. During construction activities, if abandoned piping is identified or if unusual staining or odor are identified, all activities should cease for additional investigation.
- Three of the landowners did not respond to the owner questionnaire form and did not respond to the follow-up phone call. However, ECT believes enough information was collected from the regulatory records, historical review, and site observations to support the conclusions of this report. Therefore, ECT does not consider this a significant data gap.
- The aerial photographs exceed the recommended 10-year gap, resulting in no coverage for the 1970's. However, ECT feels confident based on interviews and other historical records that the Subject Property remained agricultural land during that time. Therefore, ECT does not consider this a significant data gap.

Confidential Business Information. Do Not Distribute.

10.0 Additional Services

The following additional services were not provided as part of the scope for conducting this Phase I ESA:

Asbestos-containing materials assessment;	Industrial hygiene;
Radon assessment;	Health and safety;
Lead-based paint;	Ecological resources;
Lead in drinking water;	Endangered species;
Wetlands;	Indoor air quality;
Regulated compliance;	Biological agents; and
Cultural and historic resources;	Mold.

Confidential Business Information. Do Not Distribute.

11.0 References

American Enviro-Services, LLC, Initial Abatement Report: Hyde's Grocery Store, Robards, Kentucky, June 1997.

American Society for Testing and Materials (ASTM), Standard E 2247, Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment Process for Forestland or Rural Property, 2016.

Crane Environmental Services, Inc., Underground Storage Tank Closure Assessment Report: Robards Elementary School, Henderson County, Kentucky, March 1998.

Environmental Data Resources, Inc., (EDR), Area/Corridor Report: Inquiry No. 6141200.1s, July 31, 2020.

EDR, Aerial Photograph Report: Inquiry No. 6141055.6, August 4, 2020.

EDR, Historical Topographic Map Report: Inquiry No. 6141055.5, July 31, 2020.

Hinderliter Environmental Service, Inc. Underground Storage Tank System Closure Assessment Report: Hyde's Grocery, Inc., Robards, Kentucky, January 7, 2014.

Hinderliter Environmental Service, Inc. Corrective Action Monitoring Report: Hyde's Grocery, Inc., Robards, Kentucky, September 10, 2019.

U.S. Geological Survey and the Kentucky Geological Survey, Geologic map of Kentucky: Sesquicentennial Edition of the Kentucky Geological Survey, 1988.

FIGURES

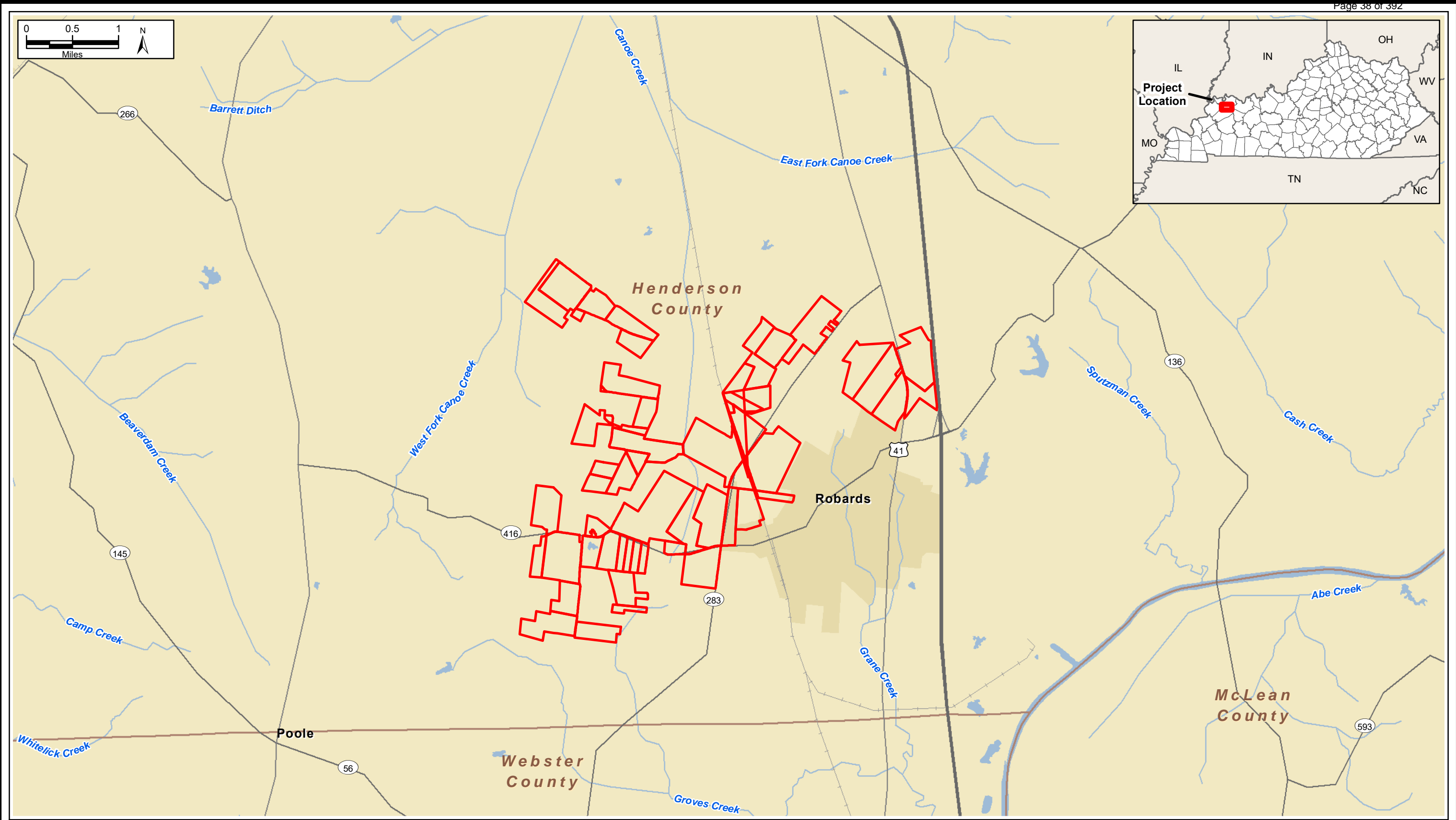


FIGURE 1.
LOCATION MAP
SEBREE SOLAR PROJECT
HENDERSON COUNTY, KENTUCKY

Sources: ESRI, 2019; USGS, 2019; ECT, 2020.

LEGEND
Subject Property





LEGEND
Subject Property

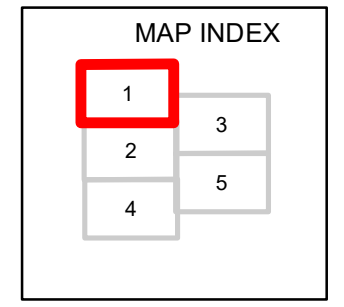
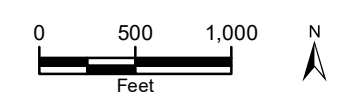
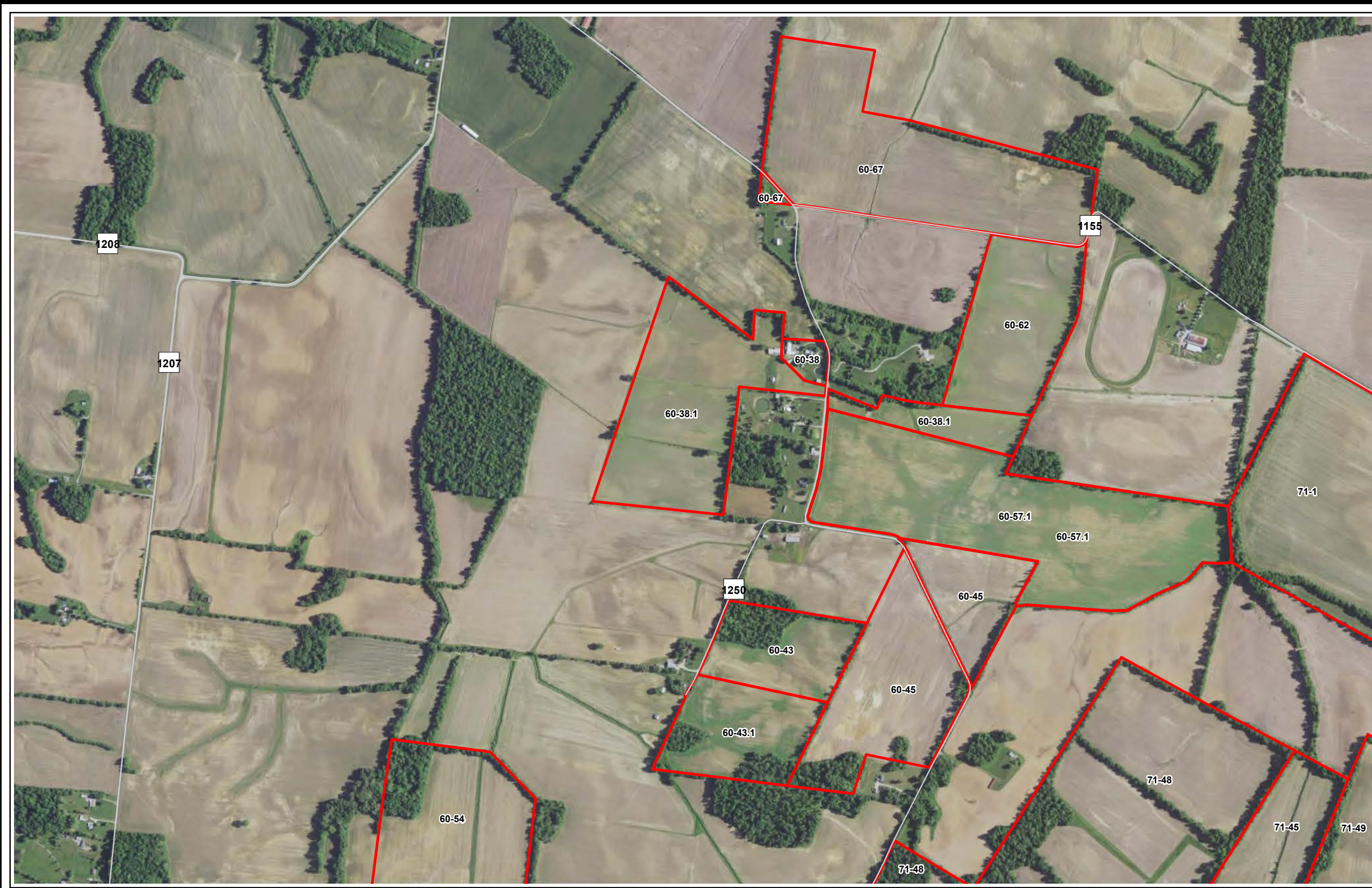


FIGURE 2. MAP 1 OF 5
SITE AND SURROUNDING PROPERTIES MAP
SEBREE SOLAR PROJECT
HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.





LEGEND
[Red Outline] Subject Property

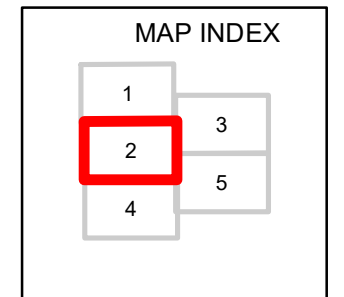
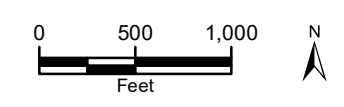


FIGURE 2. MAP 2 OF 5
SITE AND SURROUNDING PROPERTIES MAP
SEBREE SOLAR PROJECT
HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.





LEGEND
[Red Outline] Subject Property

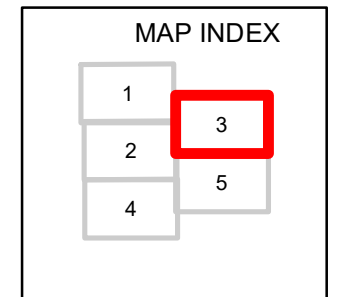
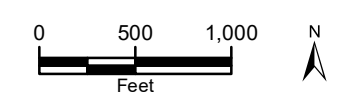


FIGURE 2. MAP 3 OF 5
SITE AND SURROUNDING PROPERTIES MAP
SEBREE SOLAR PROJECT
HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.





LEGEND
[Red Outline] Subject Property

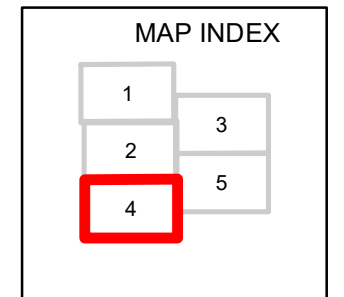
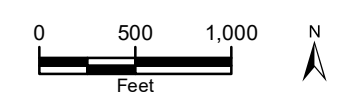
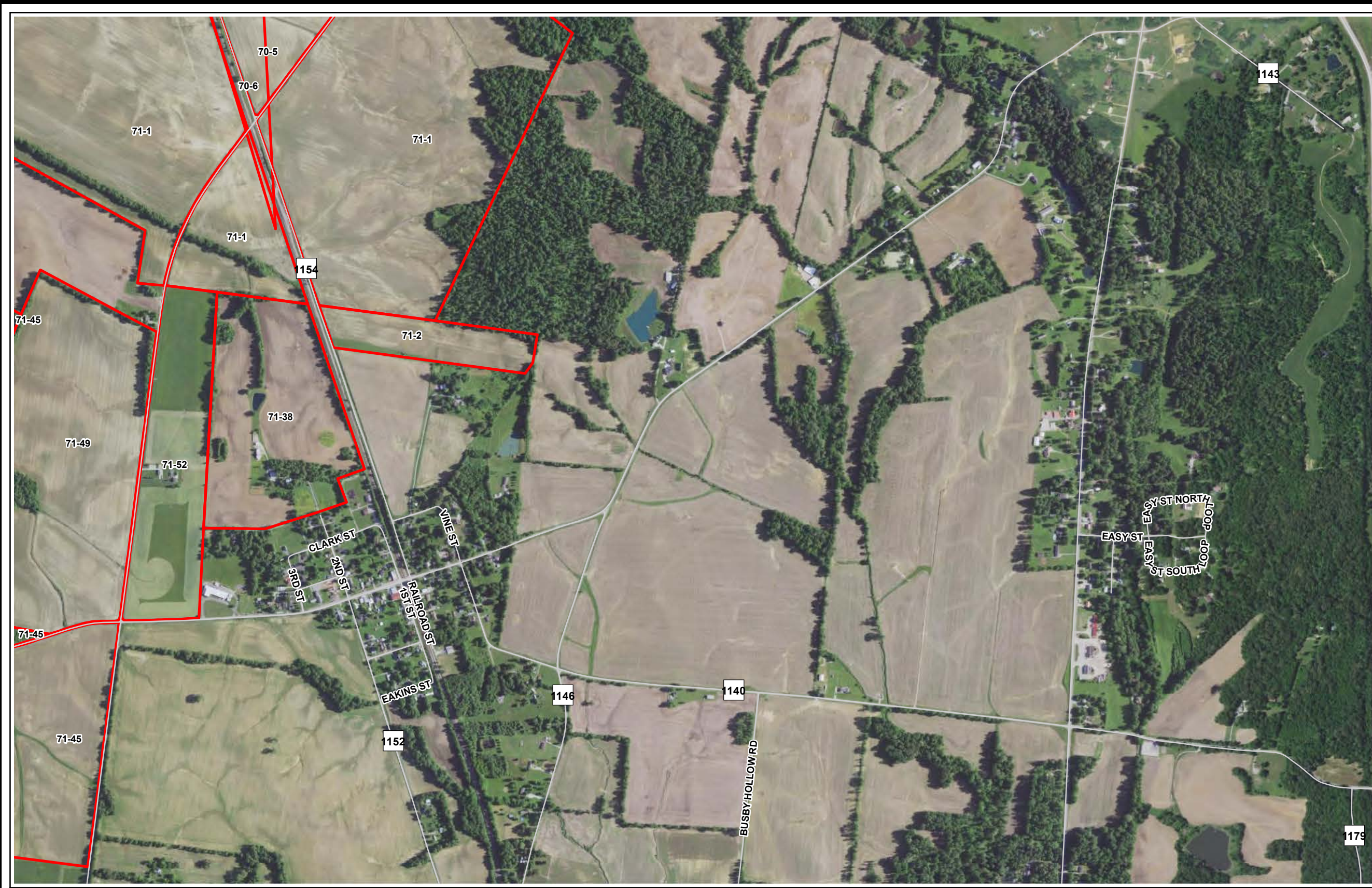


FIGURE 2. MAP 4 OF 5
SITE AND SURROUNDING PROPERTIES MAP
SEBREE SOLAR PROJECT
HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.





LEGEND
 Subject Property

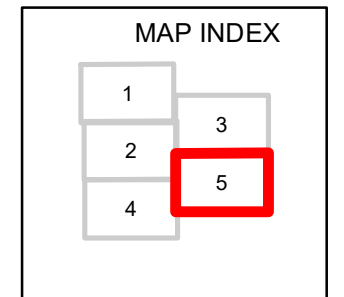
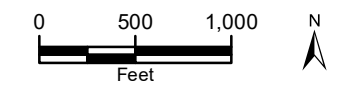


FIGURE 2. MAP 5 OF 5
 SITE AND SURROUNDING PROPERTIES MAP
 SEBREE SOLAR PROJECT
 HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.



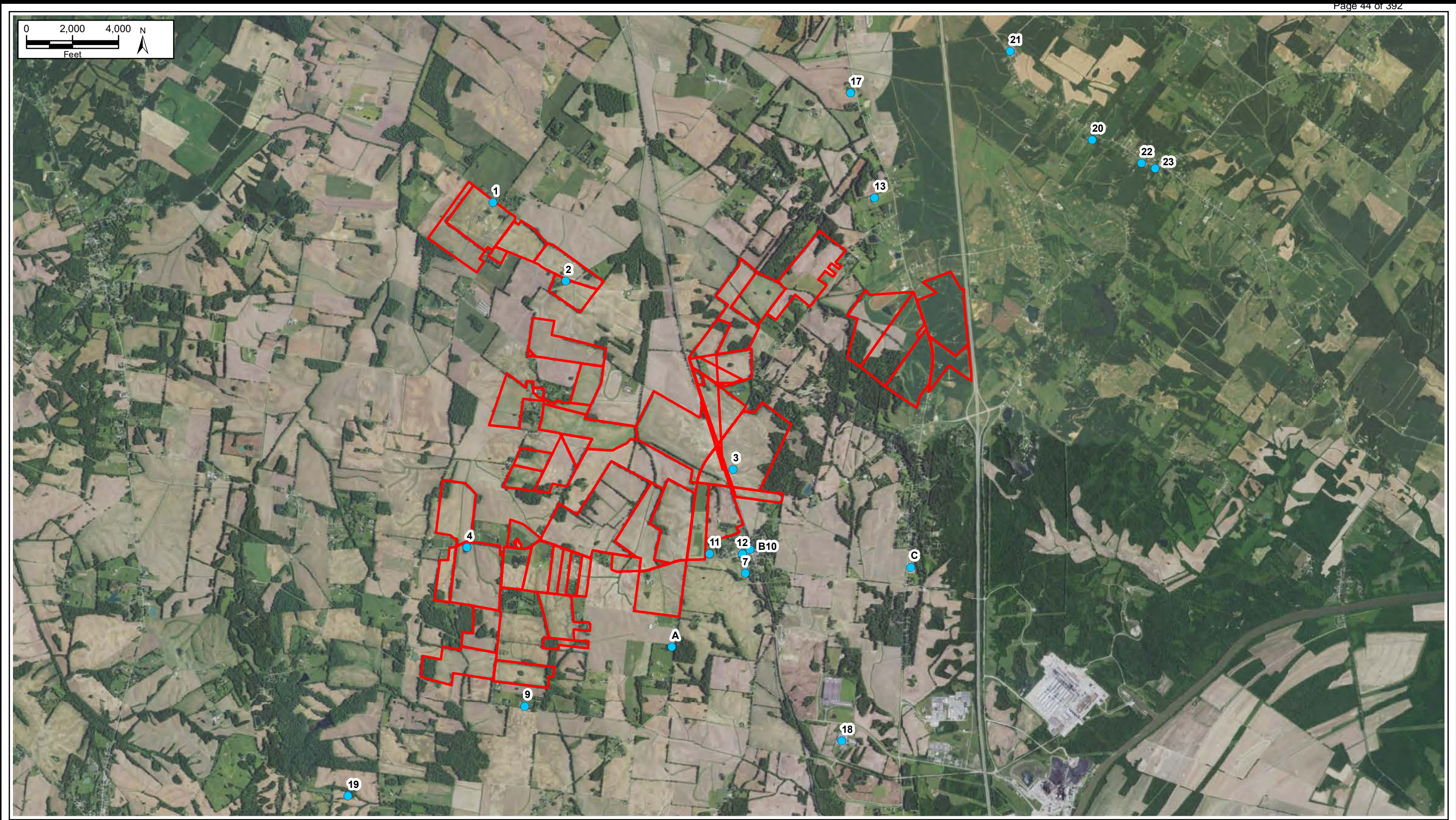


FIGURE 3.
DATABASE LISTED SITES MAP
SEBREE SOLAR PROJECT
HENDERSON COUNTY, KENTUCKY

Sources: ESRI, 2019; USGS, 2019; ECT, 2020.

LEGEND

- Listed Sites
- Subject Property



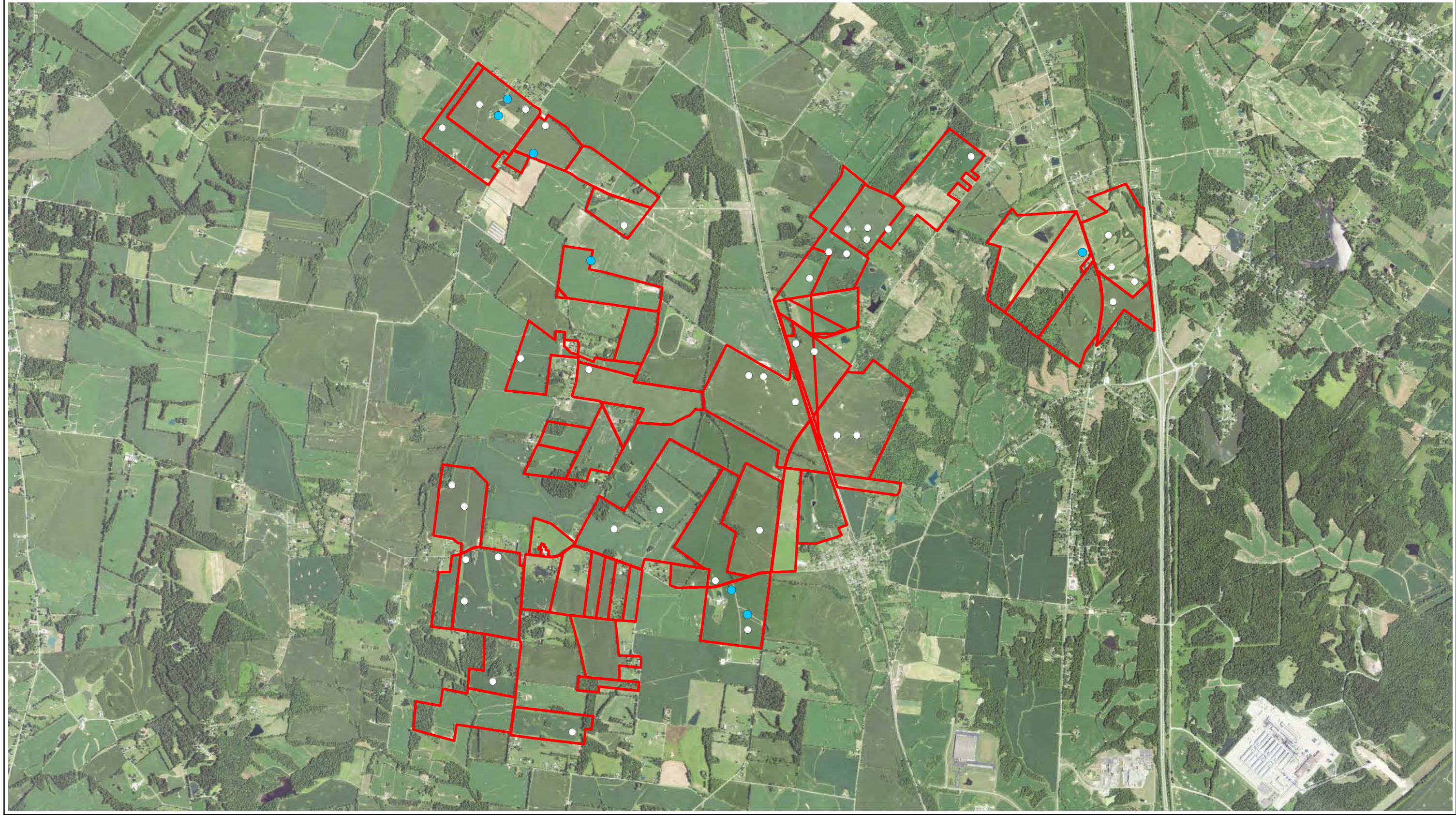
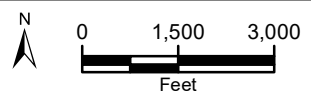


FIGURE 4.
OIL AND GAS WELLS MAP
SEBREE SOLAR PROJECT
HENDERSON COUNTY, KENTUCKY

Sources: KGS, Division of Oil and Gas, 2020; USDA Imagery, 2019; ECT, 2020.



Note: ECT observed discrepancies with the data during the site visit.

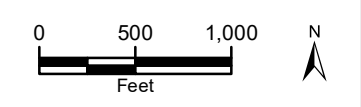
- LEGEND**
- Subject Property
 - Active Oil/Gas Well
 - Plugged Oil/Gas Well





LEGEND

- Subject Property
- Observations
- Suspect Area of Remediated Release



MAP INDEX

1	3
2	5
4	

FIGURE 5. MAP 1 OF 5
 SITE VISIT OBSERVATIONS MAP
 SEBREE SOLAR PROJECT
 HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.





LEGEND

- Subject Property
- Observations
- Suspect Area of Remediated Release

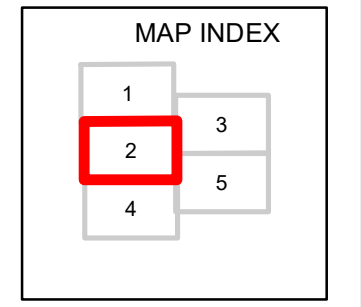
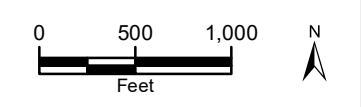


FIGURE 5. MAP 2 OF 5
SITE VISIT OBSERVATIONS MAP
SEBREE SOLAR PROJECT
HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.





LEGEND

- Subject Property
- Observations
- Suspect Area of Remediated Release

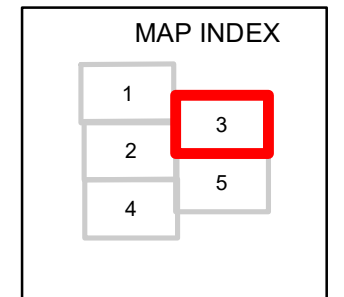
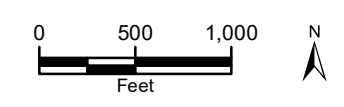


FIGURE 5. MAP 3 OF 5
 SITE VISIT OBSERVATIONS MAP
 SEBREE SOLAR PROJECT
 HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.





LEGEND

- Subject Property
- Observations
- Suspect Area of Remediated Release

0 500 1,000 Feet

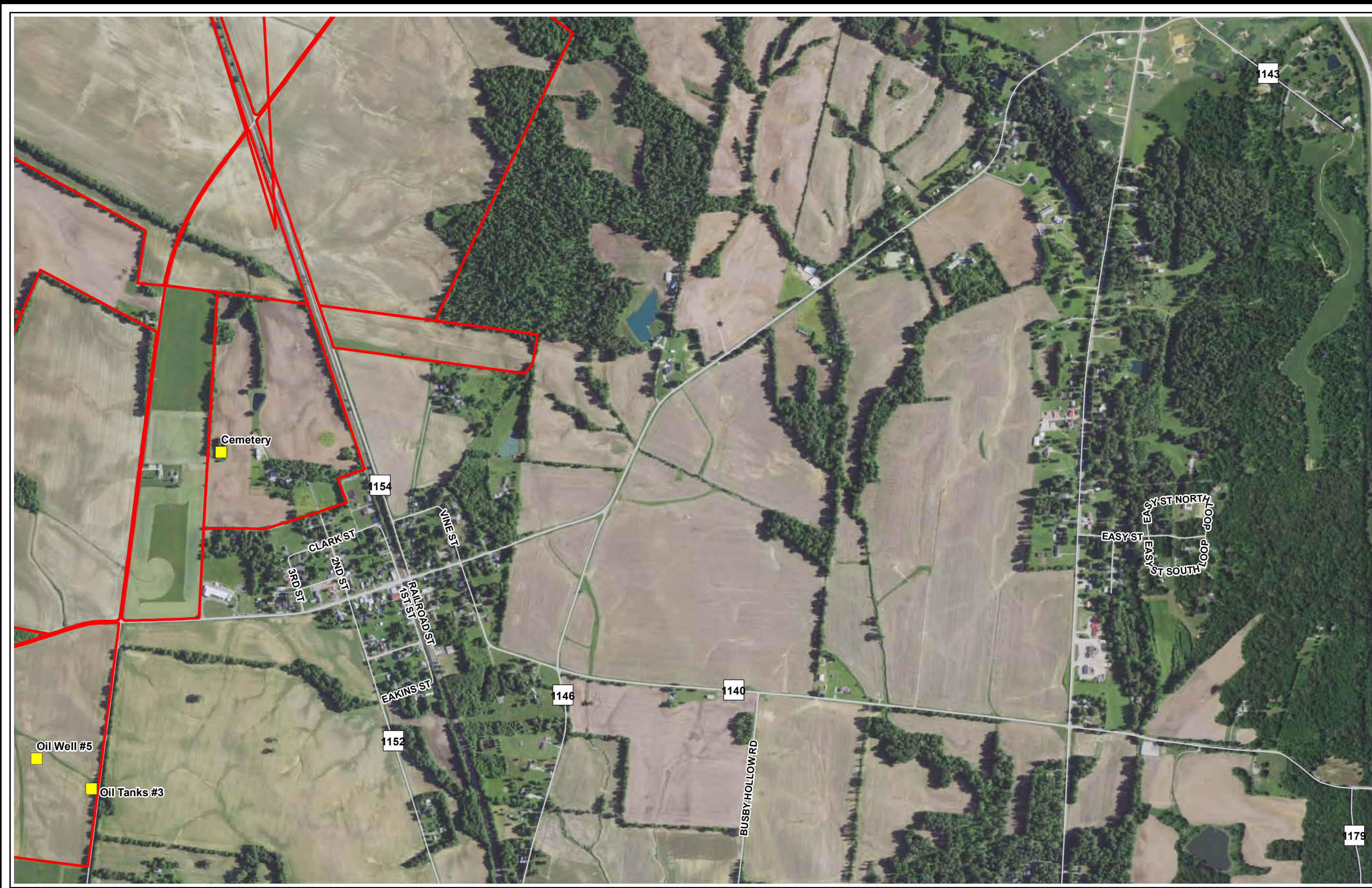
MAP INDEX

1	3
2	5
4	

FIGURE 5. MAP 4 OF 5
SITE VISIT OBSERVATIONS MAP
SEBREE SOLAR PROJECT
HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.





LEGEND

- Subject Property
- Observations
- Suspect Area of Remediated Release

0 500 1,000
 Feet

N

MAP INDEX

1	3
2	5
4	

FIGURE 5. MAP 5 OF 5
 SITE VISIT OBSERVATIONS MAP
 SEBREE SOLAR PROJECT
 HENDERSON COUNTY, KENTUCKY

Sources: USDA Imagery, 2020; ECT, 2020.



APPENDIX A

Parcel List

Appendix A: Parcel List

Parcel ID	Acres	Owner	Owner Representative (If Different)
59-20	156.69	James Clary	-
59-21	67.95	Nunn Family Irrevocable Trust	Dennis Nunn
59-30	7.44	James Clary	-
59-31	96.29	Cecilia King Abbott	-
60-38	3.87	Nunn Family Irrevocable Trust	Dennis Nunn
60-38.1	74.78	Nunn Family Irrevocable Trust	Dennis Nunn
60-43	24.61	Claudia Perkins	-
60-43.1	30.78	Mary Davis	-
60-45	67.89	James Riley	-
60-54	83.57	James Steinwachs	-
60-57	25.60	Nunn Family Irrevocable Trust	Dennis Nunn
60-57.1	99.86	Nunn Family Irrevocable Trust	Dennis Nunn
60-62	40.40	Nunn Family Irrevocable Trust	Dennis Nunn
60-67	84.57	Wilma Crowder	Milton Crowder
61-28	34.59	Carolyn Whitmore, Et Al	Chris Daniel
61-29	130.54	Victoria Hust	-
61-30	43.18	Carolyn Whitmore, Et Al	Chris Daniel
61-31	50.12	Chris & Laveta Daniel	-
61-32	20.02	Jon Barton Eblen	-
61-33	17.07	Jon Barton Eblen	-
61-34	20.06	Jon Barton Eblen	-
61-35	16.47	Wilma Crowder	Milton Crowder
61-37	62.26	Carolyn Whitmore, Et Al	Chris Daniel
61-39	15.01	Carolyn Whitmore, Et Al	Chris Daniel
61-52	51.19	Carolyn Whitmore, Et Al	Chris Daniel
61-58	54.56	Victoria Hust	-
61-59	85.63	Jarrod & Laren Crowder	-
70-33	119.00	David Dosset, Et Al	-
70-38	65.03	Stephen Spencer	-
70-39	87.12	Milton Crowder	-
70-46.1	71.88	Dawson Family Farms LLC	Karl Dawson
70-5	64.88	Leo King Farm LLC	Nancy Hodges
70-6	31.87	Dawson Family Farms LLC	Karl Dawson
71-1	367.74	Leo King Farm LLC	Nancy Hodges
71-2	19.44	Leo King Farm LLC	Nancy Hodges
71-38	65.71	Delanoe & Fay Brock	-
71-45	189.05	Milton Crowder	-
71-46	18.42	Jon Barton Eblen	-
71-46.2	0.59	Jon Barton Eblen	-
71-48	228.39	McMullin-Anderson LLC	Jennifer Anderson Bell
71-49	111.34	Leo King Farm LLC	Nancy Hodges
71-52	49.93	Phillip Branson	-
80-122	126.00	Nunn Family Irrevocable Trust	Dennis Nunn
80-123	119.48	Estate of Elvie M Cobb	Carol Cobb
80-4	122.88	Carol Cobb	-
80-4A	112.68	Carol Cobb	-

* Acres provided by Henderson County Online GIS data

APPENDIX B

Questionnaire Forms

USER QUESTIONNAIRE

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 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.

Property: Sebree Solar Project, Henderson County, KY

Completed by: John O'Hair

For: Sebree Solar

Date: 10/8/2020

The following six items identify information that the user must provide. Please answer the questions listed under each of the six items with a "Yes" or a "No." If you answer "Yes" to any of these questions, please explain.

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental clean up liens against the *property* that are filed or recorded under federal, state, or local law? No

2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any activity and 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? No

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the *user* of this Environmental Site Assessment (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 owners 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? No

4. Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? Yes - paying fair market value for the land

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*?

Not relevant

5. Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Do you know the past uses of the *property*? Yes - Farming and pasture

Do you know of specific chemicals that are present or once were present at the *property*? No

Do you know of any spills or other chemical releases that have taken place at the *property*? No

Do you know of any environmental cleanups that have take place at the *property*? No

6. The degree of obviousness of the presence or the likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)

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 or likely presence of contamination at the *property*?

No

In addition, please answer the following questions:

- Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? No
- Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? No
- Do you know of any notices from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

No

Landowner Interviews

Parcel ID	Owner	Owner Representative (If Different)	Received Questionnaire?
59-20	James Clary	-	Yes (Phone)
59-21	Nunn Family Irrevocable Trust	Dennis Nunn	Yes
59-30	James Clary	-	Yes (Phone)
59-31	Cecilia King Abbott	-	No - Called 11/20
60-38	Nunn Family Irrevocable Trust	Dennis Nunn	Yes
60-38.1	Nunn Family Irrevocable Trust	Dennis Nunn	Yes
60-43	Claudia Perkins	-	Yes
60-43.1	Mary Davis	-	Yes
60-45	James Riley	-	Yes (Phone)
60-54	James Steinwachs	-	Yes
60-57	Nunn Family Irrevocable Trust	Dennis Nunn	Yes
60-57.1	Nunn Family Irrevocable Trust	Dennis Nunn	Yes
60-62	Nunn Family Irrevocable Trust	Dennis Nunn	Yes
60-67	Wilma Crowder	Milton Crowder	Yes
61-28	Carolyn Whitmore, Et Al	Chris Daniel	Yes (Phone)
61-29	Victoria Hust	-	Yes
61-30	Carolyn Whitmore, Et Al	Chris Daniel	Yes (Phone)
61-31	Chris & Laveta Daniel	-	Yes (Phone)
61-32	Jon Barton Eblen	-	Yes (Phone)
61-33	Jon Barton Eblen	-	Yes (Phone)
61-34	Jon Barton Eblen	-	Yes (Phone)
61-35	Wilma Crowder	Milton Crowder	Yes
61-37	Carolyn Whitmore, Et Al	Chris Daniel	Yes (Phone)
61-39	Carolyn Whitmore, Et Al	Chris Daniel	Yes (Phone)
61-52	Carolyn Whitmore, Et Al	Chris Daniel	Yes (Phone)
61-58	Victoria Hust	-	Yes
61-59	Jarrod & Laren Crowder	-	Yes
70-33	David Dosset, Et Al	-	Yes
70-38	Stephen Spencer	-	Yes
70-39	Milton Crowder	-	Yes
70-46.1	Dawson Family Farms LLC	Karl Dawson	Yes
70-5	Leo King Farm LLC	Nancy Hodges	No - Called 11/20
70-6	Dawson Family Farms LLC	Karl Dawson	Yes
71-1	Leo King Farm LLC	Nancy Hodges	No - Called 11/20
71-2	Leo King Farm LLC	Nancy Hodges	No - Called 11/20
71-38	Delanoe & Fay Brock	-	Yes
71-45	Milton Crowder	-	Yes
71-46	Jon Barton Eblen	-	Yes (Phone)
71-46.2	Jon Barton Eblen	-	Yes (Phone)
71-48	McMullin-Anderson LLC	Jennifer Anderson Bell	Yes
71-49	Leo King Farm LLC	Nancy Hodges	No - Called 11/20
71-52	Phillip Branson	-	Yes (Phone)
80-122	Nunn Family Irrevocable Trust	Dennis Nunn	Yes
80-123	Estate of Elvie M Cobb	Carol Cobb	No - Called 11/20
80-4	Carol Cobb	-	No - Called 11/20
80-4A	Carol Cobb	-	No - Called 11/20

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): Farm 4511 Inact 6045

Hunter Lane, Robards KY 42452

Owner Name: Claudia Perkins Phone No.: 270-823-7141

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: Claudia Perkins
Signature: Claudia Perkins
Title: Owner
Relationship to the site: Owner
Date: 10/26/20

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): 70-6 and 70-46.1 Bushy Station Road - Robards, KY

Owner Name: DAWSON Family Farms LLC Phone No.: 270-831-4260

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: KARL DAWSON
Signature: Karl Dawson
Title: Manager
Relationship to the site: Owner
Date: 10-26-2020

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): Ed O'Fey Rd

Owner Name: Wahna Crowder

Phone No.: 270-860-4767

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By:

Milton Crowder

Signature:

[Handwritten Signature]

Title:

Relationship to the site:

Date:

10/27/2020

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): 8628 St Rt 416 W Robards KY 42452

Owner Name: Dillon Crowder

Phone No.: 270-860-4763

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain: Fuel storage tank for farm use

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain: Texas Gas pipeline on farm oil production

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By:

Milton Crowder

Signature:

[Handwritten Signature]

Title:

Relationship to the site:

owner

Date:

10/27/2020

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for
Parcel(s): Dick Smith Rd

Owner Name: Milton Crowler + Virginia Gaddis Phone No.: 270-860-4763

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain: Oil storage tanks years ago

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By:

Milton Crowder

Signature:

[Handwritten Signature]

Title:

Relationship to the site:

owner

Date:

10/27/2020

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.



TELEPHONE CONVERSATION

Project Number: 200196-0800 Time and Date: 11/17/20 3:45pm
ECT Personnel Making or Receiving Call: Ms. Maura Gibbons
To or From : Mr. Milton Crowder
Of: Owner Representative of Parcels #60-67, 70-39, & 71-45
Telephone Number: _____
Subject of Conversation: Sebree Solar Phase I ESA

Comments:

Mr. Crowder had indicated on the questionnaire forms that former oil production features, including wells, buried lines, and storage tanks have been located on the properties.

Regarding Parcels #60-67 and #70-39, Mr. Crowder was not aware of the former locations of these features, as they were removed likely between 50 and 70 years ago. He indicated he was not sure if abandoned lines remain buried at the properties.

Mr. Crowder was not aware of any historic releases or spills associated with the oil production on any of these properties.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): Parcel # 61-59; W N Royster RD, Henderson Co., KY

Owner Name: Jarrod & Lauren Crowder Phone No.: 270-831-0862

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By:

Jarrod Crowder

Signature:

[Handwritten Signature]

Title:

Owner of Property

Relationship to the site:

Date:

10/26/2020

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): MAP. NUMBER 60-43.1 HUNTER LANE
TRACT 2 PLAT BOOK 9, page 394 30.691 ACRES

Owner Name: MARY ELIZABETH NUNN DAVIS Phone No.: 270-860-7844

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: MARY ELIZABETH MUNN DAVIS
Signature: Mary Davis
Title: OWNER
Relationship to the site: OWNER
Date: 10-28-2020

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): HWY 416 W (across from 9260)

Parcel number 71-48

Hendson County Ky

Owner Name: McMullin Anderson LLC

Phone No.: 859 221 4857

Jennifer Anderson Bell (member)

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By:

Signature:

Title:

Relationship to the site:

Date:

Jennifer Anderson Bell
Jennifer Anderson Bell
member of McMullin Anderson LLC
owner
10/27/20

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): 6635 Hwy 1299 - 2155 Hwy 1299 - 45 Hwy 41

Owner Name: ARNAIS KUMAR

Phone No.: 270-866-2375

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain: small section Gas line Natural Gas

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes ~~NO~~

If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes ~~NO~~

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: Denmi Gaur
Signature: Denmi Gaur
Title: OWNER
Relationship to the site: OWNER
Date: 10-22-20

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for
Parcel(s): _____

Hwy 283

Map # 70-33

Owner Name: John Dossett ETAL Phone No.: 270 827 4931

1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By:

David Dossett

Signature:

David Dossett

Title:

Relationship to the site:

Owner with brothers

Date:

11/3/20

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for
Parcel(s): 1001 2ND ST

ROBARD, KY 42452

Owner Name: DELNDE-FAY BROOK Phone No.: 270-521-6927

1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: DELOE BROOK
Signature: *Deloe Brook*
Title: OWNER
Relationship to the site: OWNER
Date: 10-31-20

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for
Parcel(s): 9798 Hwy 416 W, Robards, Ky 42452 and

8491 WN Royster Road, Robards, Ky 42452

Owner Name: Victoria Hust

Phone No.: 802.535.0083

1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain: Well-marked Texas Gas line across property, accessible off WN Royster Rd at 8491 residence.

7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE

Owner Environmental Questionnaire



9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: Victoria Hust
Signature: Victoria Hust
Title: Owner
Relationship to the site: Land owner associated with sites since ~1970.
Date: 31 October 2020

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Please note: My permanent mailing address is:

226 Spring Street
St. Johnsbury, VT 05819

my telephone number is 802.535.0083. Correspondence sent to the Ky PO Box will reach me eventually, but VT address will get to me faster.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): 0 Dick Smith Rd. MAP # 70-38, TAX DIST: 00, DEED BOOK: 44.

DEED PG: 748, Acres: 68.93

Owner Name: STEPHEN H. SPENCOR

Phone No.: 919-584-0415

- 1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

- 2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

- 3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

- 4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

- 5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

- 6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

WHEN MY FATHER OWNED THE LAND, ABOUT 40-50 YRS AGO, A SINGLE OIL WELL WAS DRILLED. IT NEVER PRODUCED ADEQUATELY AND WAS ABANDONED.

- 7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

- 8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE Q6 ABOVE. POSSIBLE DISCHARGE OR CONTAMINATION AT DRILL SITE.

SEE REVERSE

Owner Environmental Questionnaire



- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: STEPHEN H. SPENCOR

Signature: 

Title: OWNER

Relationship to the site: _____

Date: 3 NOV 20

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.



TELEPHONE CONVERSATION

Project Number: 200196-0800 Time and Date: 11/17/20 3:15pm
ECT Personnel Making or Receiving Call: Ms. Maura Gibbons
To or From : Mr. Stephen Spencer
Of: Owner of Parcel #70-38
Telephone Number: 919-584-0415
Subject of Conversation: Sebree Solar Phase I ESA

Comments:

Mr. Spencer indicated in his questionnaire form that there is potential that oils may have been discharged during the construction of a former oil well. However, Mr. Spencer confirmed that he is not aware of any specific releases or spills associated with the former oil well on the property. He indicated the well was drilled likely around 50 years ago and was found to be dry.



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for Parcel(s): _____

Parcels 59-20 + 59-30

Owner Name: Jay Clary (phone-interview) Phone No.: 270-577-8812

1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain: oil well tanks. NOT aware of releases.

4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain: Small pond filled in w/ farming soil (off-site) decades ago.

6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain: wells, tanks, underground pipelines

7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain: ~1995 unknown location
Release from underground pipeline.
Remediated/excavated soils.
Doesn't know of any cleanup reports.



Owner Environmental Questionnaire

- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By:

Jay Clary

Signature:

phone interview

Title:

Family member

Relationship to the site:

Father is deceased. Brother now owns.

Date:

11/20/20 10:45 Am

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for Parcel(s): _____

Parcel # 60-45

Owner Name: James Ritey (phone interview) Phone No.: 270-923-2307

1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

Owner Environmental Questionnaire



- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: James Riley
Signature: Phone interview
Title: Owner
Relationship to the site: Owner
Date: 11/20/20 14:10pm

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for Parcel(s): _____

Parcel # 71-52

Owner Name: Philip Branson (phone interview) Phone No.: 270-577-9331

1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain: 30 years ago, small pond - used on site soils.

6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:



- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

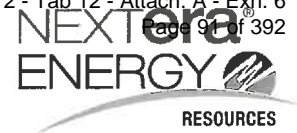
If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: Philip Branson
Signature: Phone Interview
Title: Owner
Relationship to the site: Owner
Date: 11/20/20 11:15am

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for Parcel(s): _____

Parcels # 61-31, 61-29, 61-30, 61-37, 61-39, 61-52

Owner Name: Chris Daniel (phone-interview) Phone No.: 270-577-0790

1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain: Nat gas pipeline. Former oil/gas - no releases wells

7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:



- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: Chris Daniel
Signature: phone interview
Title: son-in-law (owner recently deceased)
Relationship to the site: Family member for past 30 years
Date: 11/20/20 11AM

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for Parcel(s): _____

Parcels #61-33, 61-32, 61-34, 71-46.2

Owner Name: Jon Bart Eblen Phone No.: 270-823-2307
(phone interview)

1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:



Owner Environmental Questionnaire

- 9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

- 10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By: Bart Eblen
Signature: phone interview
Title: Owner
Relationship to the site: Owner
Date: 11/20/20 11:35am

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.

Owner Environmental Questionnaire



Owner Environmental Questionnaire

Site Name: Sebree Solar Project, Kentucky

Section, Township & Range (with quarter); Parcel Identification Number; and/or Addresses for

Parcel(s): 7053 STATE ROUTE 283 IN HENDERSON COUNTY

8809 Old Knoblick Rd HENDERSON + WEBSTER COUNTY

Owner Name: James M. Steenwade Inc Phone No.: 270 823-6722

1) To the best of your knowledge, has the site land parcel(s) ever been used for an industrial purpose or manufacturing? Yes No

If yes, please identify and explain:

2) To the best of your knowledge, has there ever been any large quantity storage, use, generation or disposal of automotive, industrial or agricultural chemicals, batteries, solvents, petroleum products, pesticides or related regulated chemicals (this excludes routine practices associated with on-site farms)? Yes No

If yes, please identify and explain:

3) To the best of your knowledge, has the site land parcel(s) maintained registered or unregistered underground or aboveground storage tanks (greater than 550 gallons) for chemical, petroleum or other regulated substance storage? Yes No

If yes, please identify and explain:

4) To the best of your knowledge, has the site land parcel(s) been used as a waste landfill, dump or disposal site? Yes No

If yes, please identify and explain:

5) To the best of your knowledge, are there any pits (including former or current mines), ponds or lagoons located on the site land parcel(s) currently or formerly, which have been infilled? Yes No

If yes, please identify and explain:

6) Are you aware of any oil-gas wells and associated storage tanks/pipelines on the site land parcel(s)? Yes No

If yes, please identify and explain:

7) Are you aware of any past cattle dipping vats on the site land parcel(s)? Yes No

8) Are you aware of any petroleum or hazardous waste discharges or releases to the environment, or contamination impacts to the site soil, groundwater or surface waters? Yes No

If yes, please identify and explain:

SEE REVERSE



Owner Environmental Questionnaire

9) Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site land parcel(s)? Yes No

If yes, please identify and explain:

10) Are you aware of any past environmental assessment report(s) prepared for the site land parcel(s)? If yes, are you able to provide a copy of the prior reports? Yes No

I certify to the best of my knowledge that the above statements and facts are true and correct. To the best of my knowledge, no provided material facts have been suppressed or misstated.

Completed By:

JAMES M. STEINWACHS SR

Signature:

James M Steinwachs Sr

Title:

OWNER

Relationship to the site:

I HAVE THE OWNER FOR 50 YEARS

Date:

12-1-2020

Please return a copy of the completed Owner Environmental Questionnaire form to Environmental Consulting & Technology, Inc. (ECT) on behalf of NextEra Energy Resources Environmental Services to Ms. Maura Gibbons, ECT, 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207 by November 6, 2020. An addressed pre-stamped return envelope is enclosed for your convenience.



TELEPHONE CONVERSATION

Project Number: 200196-0800 Time and Date: 9/16/20 ~12pm
ECT Personnel Making or Receiving Call: Mr. Dirk Mammen
To or From : Mr. Dennis Hartfield
Of: Director of Oil/Gas Division: State of Kentucky
Telephone Number: 502-782-6214
Subject of Conversation: Oil/Gas Well Reserve Pits

Comments:

Mr. Hartfield indicated that records of oil and gas development do not include information related to potential drill cutting reserve pits, as they are not regulated. Mr. Hartfield mentioned that he is not aware of any adverse environmental conditions or environmental impediments associated with the potential reserve pits.



TELEPHONE CONVERSATION

Project Number: 200196-0800 Time and Date: 11/5/20 1:10pm
ECT Personnel Making or Receiving Call: Ms. Maura Gibbons
To or From : Ms. Whitney Smith
Of: Henderson County Environmental Health Department
Telephone Number: 270-826-3951 Ext. 7
Subject of Conversation: Local Government Interview for Sebree Solar Phase I ESA

Comments:

Ms. Smith was not aware of any environmental remediation activities, illegal dumping sites, or known contamination within a three mile radius of Robards, KY. Ms. Smith recommended accessing records from the Environmental Protection Agency (EPA) and the Kentucky Energy and Environment Cabinet (KY EEC) for more information.

APPENDIX C
EDR Area Report

Sebree Solar
Sebree Solar
Robards, KY 42452

Inquiry Number: 6141200.1s
July 31, 2020

EDR Area / Corridor Report



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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

SEBREE SOLAR
 ROBARDS, KY 42452

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

SPILLS: State spills

A review of the SPILLS list, as provided by EDR, and dated 04/02/2020 has revealed that there is 1 SPILLS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
Not reported Facility Status: Env. Closed Inc ID: 176045		1 / 8	72

Other Ascertainable Records

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 02/03/2020 has revealed that there are 3 FINDS sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
CHERRY HILL UNIT Registry ID:: 110045240137	CHERRY HILL RD	2 / 15	72
<i>AT & T</i>	<i>HWY 283, 3.7 MI W OF</i>	<i>3 / 22</i>	<i>73</i>

EXECUTIVE SUMMARY

Registry ID:: 110008367178
 THORTON WALKER # 1 SR 416 4 / 20 73
 Registry ID:: 110045225341

ECHO: Enforcement & Compliance History Information

A review of the ECHO list, as provided by EDR, and dated 04/04/2020 has revealed that there is 1 ECHO site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>AT & T</i> Registry ID: 110008367178	<i>HWY 283, 3.7 MI W OF</i>	<i>3 / 22</i>	<i>73</i>

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

A review of the RCRA-LQG list, as provided by EDR, and dated 03/23/2020 has revealed that there is 1 RCRA-LQG site within approximately 2 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>AMG ALUMINUM NORTH A</i> EPA ID:: KYD000623009	<i>3293 MCDONALD ROAD</i>	<i>SSE 1 - 2 (1.277 mi.)</i>	<i>18 / 28</i>	<i>96</i>

State- and tribal - equivalent CERCLIS

SHWS: State Leads List

A review of the SHWS list, as provided by EDR, and dated 05/15/2020 has revealed that there are 3 SHWS sites within approximately 2 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
DENNIS JONES PROPERT	13021 HIGHWAY 41 SOU	NE 1/2 - 1 (0.615 mi.)	13 / 11	91

EXECUTIVE SUMMARY

Facility Id: 53250 Facility Status: Closed				
ANCHOR OIL TRANSFORM Facility Id: 53604 Facility Status: Closed	485 LEOHUST ROAD	S 1 - 2 (1.515 mi.)	19 / 31	139
EFFIE WALKER TRANSFO Facility Id: 53251 Facility Status: Closed	14830 HWY 136 E	NE 1 - 2 (1.634 mi.)	20 / 12	139

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

SWF/LF: Solid Waste Facilities List

A review of the SWF/LF list, as provided by EDR, and dated 02/11/2020 has revealed that there are 2 SWF/LF sites within approximately 2 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
B & C WAST TIRE MANA Status: Terminated Facility Id: 43363	1228 2ND ST	SSE 1/8 - 1/4 (0.146 mi.)	7 / 22	76
OROS & BUSCH-WAYNE F Status: Terminated Facility Id: 106455	12743 US 41 S	NNE 1 - 2 (1.130 mi.)	17 / 10	95

State and tribal leaking storage tank lists

PSTEAF: Facility Ranking List

A review of the PSTEAF list, as provided by EDR, and dated 03/01/2020 has revealed that there are 2 PSTEAF sites within approximately 2 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
HYDES GROCERY INC Facility Id: 61169	7975 KY 416	SSE 1/8 - 1/4 (0.172 mi.)	B10 / 22	84
HAWKINS GROCERY Facility Id: 61161	15889 KY 136 E	NE 1 - 2 (1.858 mi.)	23 / 12	143

SB193: SB193 Branch Site Inventory List

A review of the SB193 list, as provided by EDR, and dated 09/05/2006 has revealed that there is 1 SB193 site within approximately 2 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
HYDES GROCERY INC Facility Id: 2144051	7975 KY 416	SSE 1/8 - 1/4 (0.172 mi.)	B10 / 22	84

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: Underground Storage Tank Database

A review of the UST list, as provided by EDR, and dated 02/04/2020 has revealed that there are 9 UST sites within approximately 2 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
ROBARDS L331360 Tank Status: TRM Facility Id: 69278	KY 283	E 0 - 1/8 (0.008 mi.)	A6 / 21	75
KEY OIL COMPANY Tank Status: TRM Facility Id: 67788	HWY 42	SSE 1/8 - 1/4 (0.164 mi.)	B8 / 22	77
HYDES GROCERY INC Tank Status: TRM Facility Id: 61169 Closed In Place Date: 09/01/1998	7975 KY 416	SSE 1/8 - 1/4 (0.172 mi.)	B10 / 22	84
ROBARDS ELEMENTARY S Tank Status: TRM Facility Id: 61158 Closed In Place Date: 06/11/1997	8253 KY 416 W	SSE 1/8 - 1/4 (0.172 mi.)	11 / 22	88
BUSBYS BODY SHOP Tank Status: TR8 Facility Id: 70148 Closed In Place Date: 01/01/1983	8028 KY 416 W	ESE 1/4 - 1/2 (0.293 mi.)	12 / 22	89
NORTH SOUTH TRUCK ST Tank Status: TRM Facility Id: 61182 Closed In Place Date: 01/01/2008	14260 US 41 S	ESE 1 - 2 (1.118 mi.)	C15 / 23	92
NIAGARA ELEMENTARY S Tank Status: TRM Facility Id: 35448	13043 KY 136 E	NNE 1 - 2 (1.701 mi.)	21 / 11	140
HAZEL JOHNSON PROPER Tank Status: TRM Facility Id: 68934 Closed In Place Date: 12/16/1996	15815 KY 136 E	NE 1 - 2 (1.833 mi.)	22 / 12	141
HAWKINS GROCERY Tank Status: TRM Facility Id: 61161 Closed In Place Date: 07/19/1993	15889 KY 136 E	NE 1 - 2 (1.858 mi.)	23 / 12	143

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/23/2020 has revealed that

EXECUTIVE SUMMARY

there is 1 RCRA NonGen / NLR site within approximately 2 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
AT & T EPA ID:: KYD985115724	HWY 283, 3.7 MI W OF	SSW 0 - 1/8 (0.005 mi.)	A5 / 21	73

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR Exclusive Historical Auto Stations

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 2 miles of the requested target property.

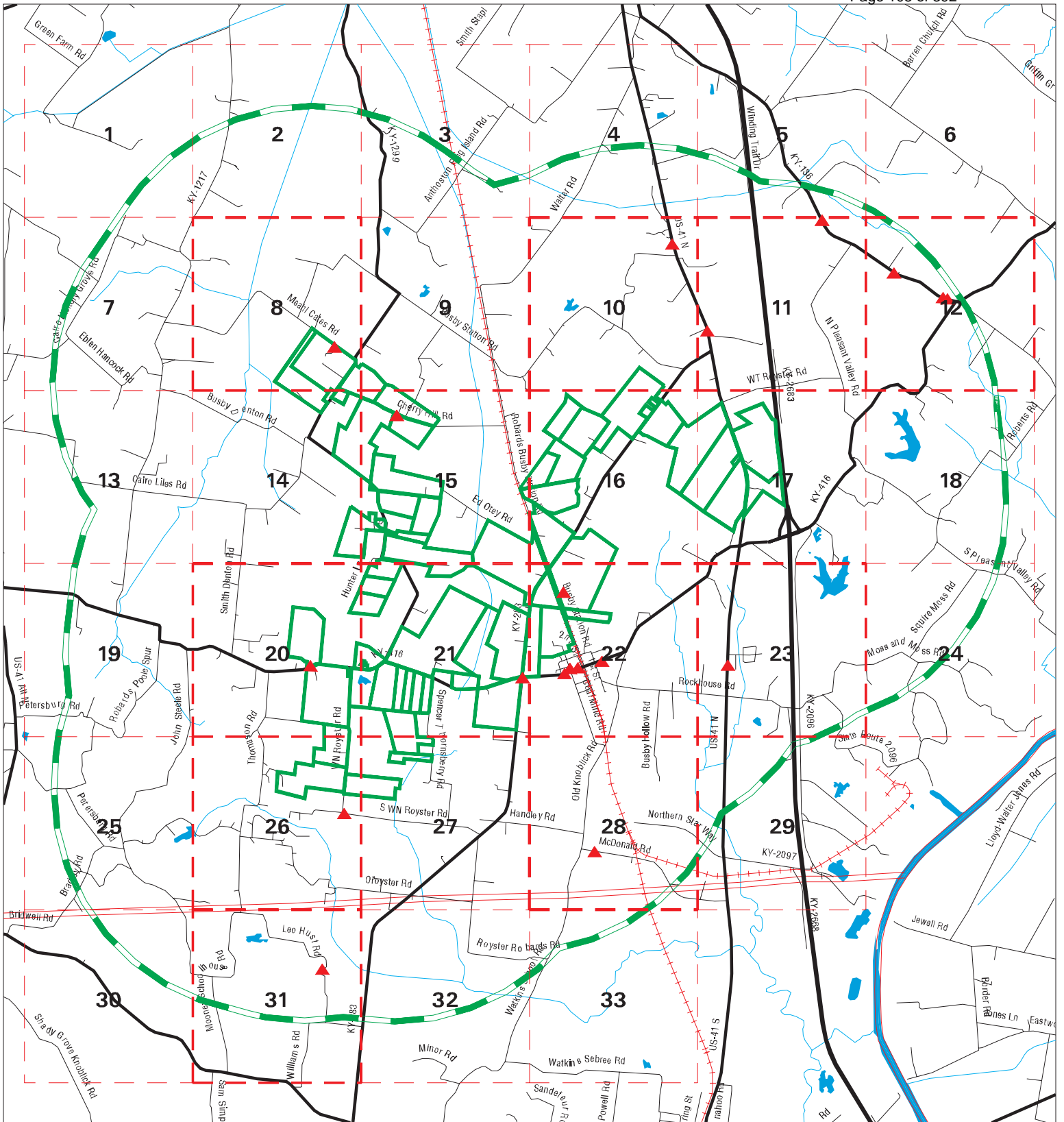
<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
TRI COUNTY TRANSMISS	8892 WN ROYSTER RD	S 1/8 - 1/4 (0.171 mi.)	9 / 26	84
NORTH-SOUTH TRUCK ST	14260 U S 41 S	ESE 1 - 2 (1.118 mi.)	C14 / 23	92
NORTH-SOUTH TRUCK ST	14260 US HIGHWAY 41	ESE 1 - 2 (1.118 mi.)	C16 / 23	95

MAPPED SITES SUMMARY

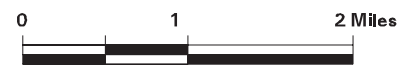
Target Property:
 SEBREE SOLAR
 ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
1 / 8			SPILLS			TP
2 / 15	CHERRY HILL UNIT	CHERRY HILL RD	FINDS			TP
3 / 22	AT & T	HWY 283, 3.7 MI W OF	FINDS, ECHO			TP
4 / 20	THORTON WALKER # 1	SR 416	FINDS			TP
A5 / 21	AT & T	HWY 283, 3.7 MI W OF	RCRA NonGen / NLR	24	0.005	SSW
A6 / 21	ROBARDS L331360	KY 283	UST	41	0.008	East
7 / 22	B & C WAST TIRE MANA	1228 2ND ST	SWF/LF	769	0.146	SSE
B8 / 22	KEY OIL COMPANY	HWY 42	UST	868	0.164	SSE
9 / 26	TRI COUNTY TRANSMISS	8892 WN ROYSTER RD	EDR Hist Auto	901	0.171	South
B10 / 22	HYDES GROCERY INC	7975 KY 416	PSTEAF, SB193, UST	908	0.172	SSE
11 / 22	ROBARDS ELEMENTARY S	8253 KY 416 W	UST	909	0.172	SSE
12 / 22	BUSBYS BODY SHOP	8028 KY 416 W	UST	1545	0.293	ESE
13 / 11	DENNIS JONES PROPERT	13021 HIGHWAY 41 SOU	SHWS	3249	0.615	NE
C14 / 23	NORTH-SOUTH TRUCK ST	14260 U S 41 S	EDR Hist Auto	5902	1.118	ESE
C15 / 23	NORTH SOUTH TRUCK ST	14260 US 41 S	UST	5902	1.118	ESE
C16 / 23	NORTH-SOUTH TRUCK ST	14260 US HIGHWAY 41	EDR Hist Auto	5902	1.118	ESE
17 / 10	OROS & BUSCH-WAYNE F	12743 US 41 S	SWF/LF	5964	1.130	NNE
18 / 28	AMG ALUMINUM NORTH A	3293 MCDONALD ROAD	RCRA-LQG, TSCA, TRIS	6740	1.277	SSE
19 / 31	ANCHOR OIL TRANSFORM	485 LEOHUST ROAD	SHWS	7999	1.515	South
20 / 12	EFFIE WALKER TRANSFO	14830 HWY 136 E	SHWS	8630	1.634	NE
21 / 11	NIAGARA ELEMENTARY S	13043 KY 136 E	UST	8982	1.701	NNE
22 / 12	HAZEL JOHNSON PROPER	15815 KY 136 E	UST	9678	1.833	NE
23 / 12	HAWKINS GROCERY	15889 KY 136 E	PSTEAF, UST	9811	1.858	NE

Key Map - 6141200.1s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- Focus Map - Sites
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



<p>SITE NAME: Sebree Solar ADDRESS: Sebree Solar CITY/STATE: Robards KY ZIP: 42452</p>	<p>CLIENT: ECT CONTACT: Maura Gibbons INQUIRY #: 6141200.1s DATE: 07/31/20 3:51 PM</p>
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	2.000		0	0	0	0	0	0
Proposed NPL	2.000		0	0	0	0	0	0
NPL LIENS	2.000		0	0	0	0	0	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	2.000		0	0	0	0	0	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	2.000		0	0	0	0	0	0
SEMS	2.000		0	0	0	0	0	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	2.000		0	0	0	0	0	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	2.000		0	0	0	0	0	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	2.000		0	0	0	0	0	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	2.000		0	0	0	0	1	1
RCRA-SQG	2.000		0	0	0	0	0	0
RCRA-VSQG	2.000		0	0	0	0	0	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	2.000		0	0	0	0	0	0
US ENG CONTROLS	2.000		0	0	0	0	0	0
US INST CONTROLS	2.000		0	0	0	0	0	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	2.000		0	0	0	1	2	3
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	2.000		0	1	0	0	1	2
<i>State and tribal leaking storage tank lists</i>								
PSTEAF	2.000		0	1	0	0	1	2
INDIAN LUST	2.000		0	0	0	0	0	0
SB193	2.000		0	1	0	0	0	1
<i>State and tribal registered storage tank lists</i>								
FEMA UST	2.000		0	0	0	0	0	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	2.000		1	3	1	0	4	9
AST	2.000		0	0	0	0	0	0
INDIAN UST	2.000		0	0	0	0	0	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	2.000		0	0	0	0	0	0
INST CONTROL	2.000		0	0	0	0	0	0
State and tribal voluntary cleanup sites								
INDIAN VCP	2.000		0	0	0	0	0	0
VCP	2.000		0	0	0	0	0	0
State and tribal Brownfields sites								
BROWNFIELDS	2.000		0	0	0	0	0	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS	2.000		0	0	0	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	2.000		0	0	0	0	0	0
SWRCY	2.000		0	0	0	0	0	0
INDIAN ODI	2.000		0	0	0	0	0	0
ODI	2.000		0	0	0	0	0	0
DEBRIS REGION 9	2.000		0	0	0	0	0	0
IHS OPEN DUMPS	2.000		0	0	0	0	0	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP	1	NR	NR	NR	NR	NR	1
Other Ascertainable Records								
RCRA NonGen / NLR	2.000		1	0	0	0	0	1
FUDS	2.000		0	0	0	0	0	0
DOD	2.000		0	0	0	0	0	0
SCRD DRYCLEANERS	2.000		0	0	0	0	0	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

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	2.000		0	0	0	0	0	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	2.000		0	0	0	0	0	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	2.000		0	0	0	0	0	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	2.000		0	0	0	0	0	0
INDIAN RESERV	2.000		0	0	0	0	0	0
FUSRAP	2.000		0	0	0	0	0	0
UMTRA	2.000		0	0	0	0	0	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	2.000		0	0	0	0	0	0
ABANDONED MINES	2.000		0	0	0	0	0	0
FINDS	TP	3	NR	NR	NR	NR	NR	3
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
UXO	2.000		0	0	0	0	0	0
FUELS PROGRAM	2.000		0	0	0	0	0	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	2.000		0	0	0	0	0	0
DRYCLEANERS	2.000		0	0	0	0	0	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	2.000		0	0	0	0	0	0
EDR Hist Auto	2.000		0	1	0	0	2	3
EDR Hist Cleaner	2.000		0	0	0	0	0	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

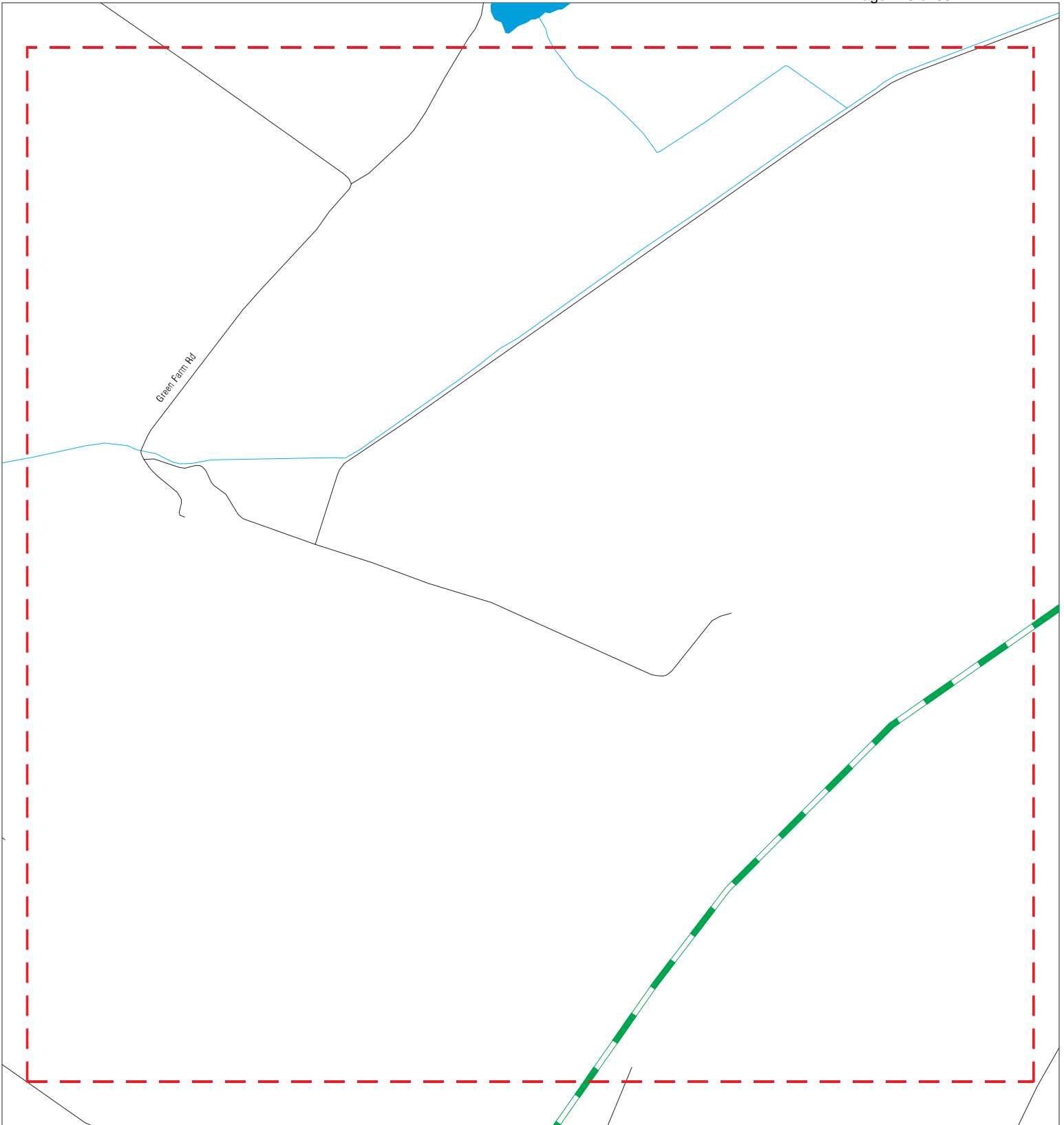
<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		5	2	7	1	1	11	27

NOTES:

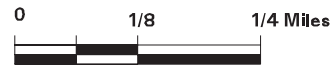
TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database



- ▲ Sites
- / / Focus Map - Sites
- Indian Reservations BIA
- / / Target Property
- / / Power Line
- / / Search Buffer
- National Priority List Sites
- / / Focus Map - No Sites
- Dept. Defense Sites



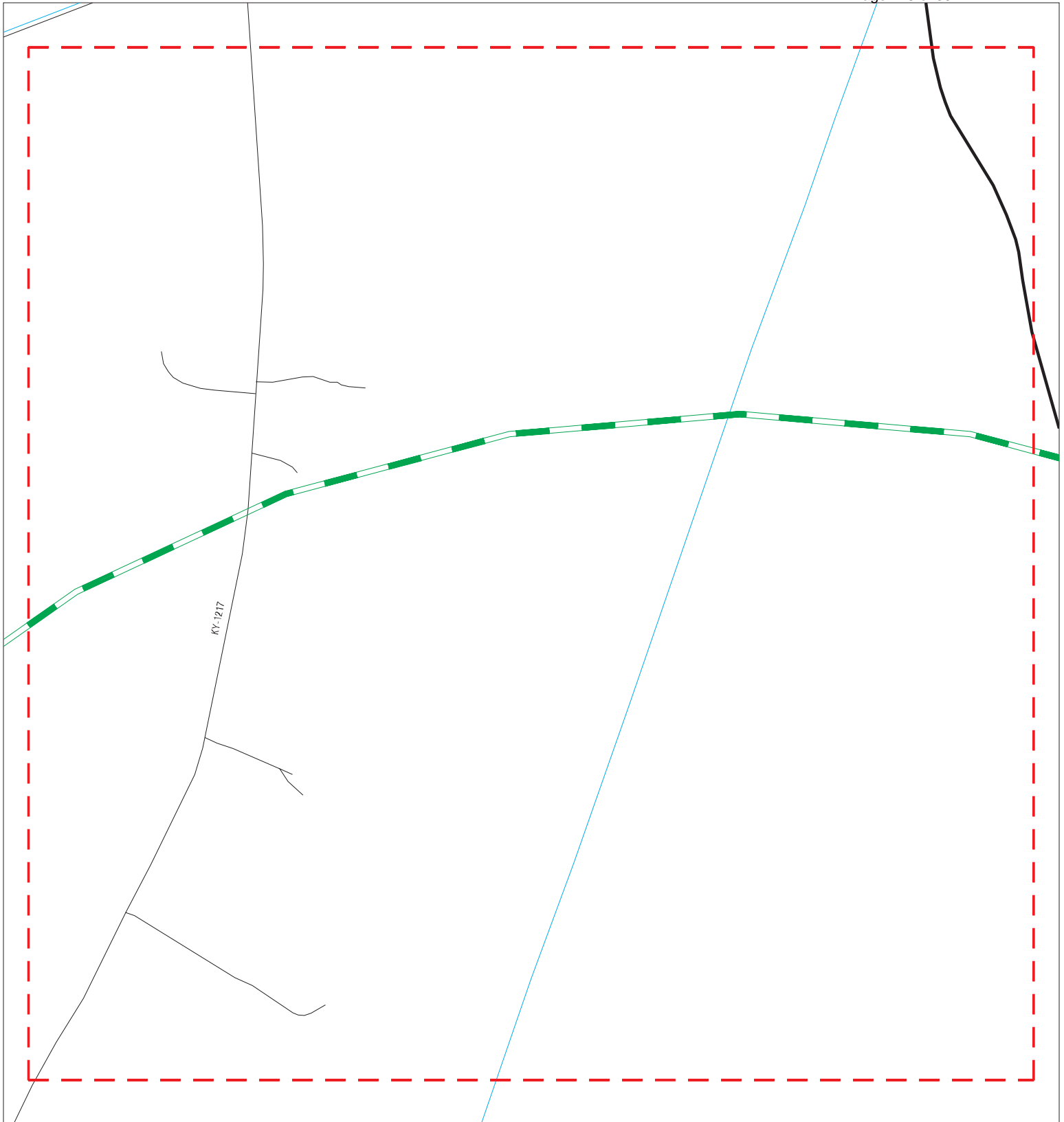
SITE NAME: Sebree Solar ADDRESS: Sebree Solar CITY/STATE: Robards KY ZIP: 42452	CLIENT: ECT CONTACT: Maura Gibbons INQUIRY #: 6141200.1s DATE: 07/31/20
--	--

MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- / / Focus Map - Sites
- Indian Reservations BIA
- / / Target Property
- / / Power Line
- / / Search Buffer
- National Priority List Sites
- / / Focus Map - No Sites
- Dept. Defense Sites



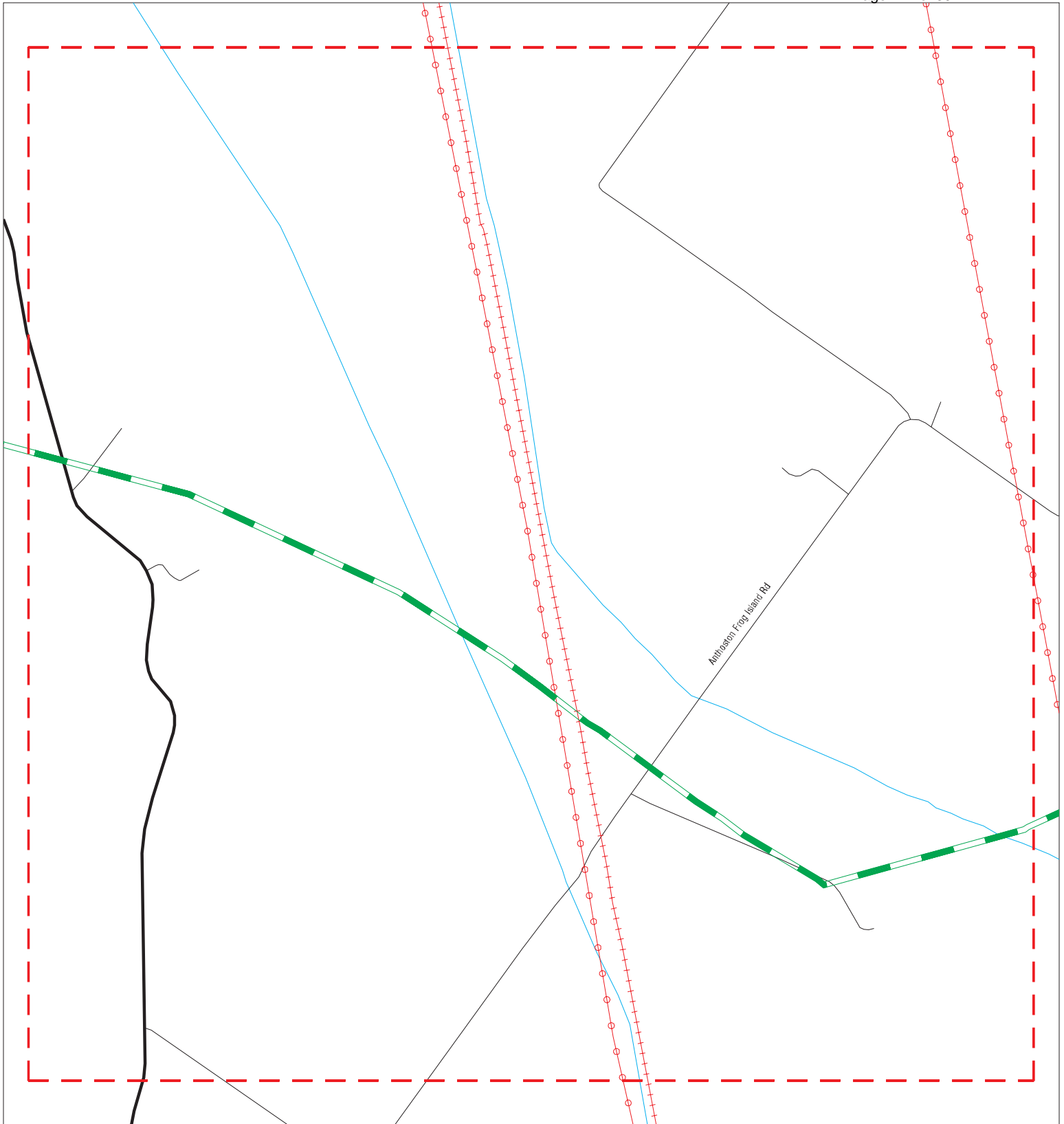
SITE NAME: Sebree Solar ADDRESS: Sebree Solar CITY/STATE: Robards KY ZIP: 42452	CLIENT: ECT CONTACT: Maura Gibbons INQUIRY #: 6141200.1s DATE: 07/31/20
--	--

MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

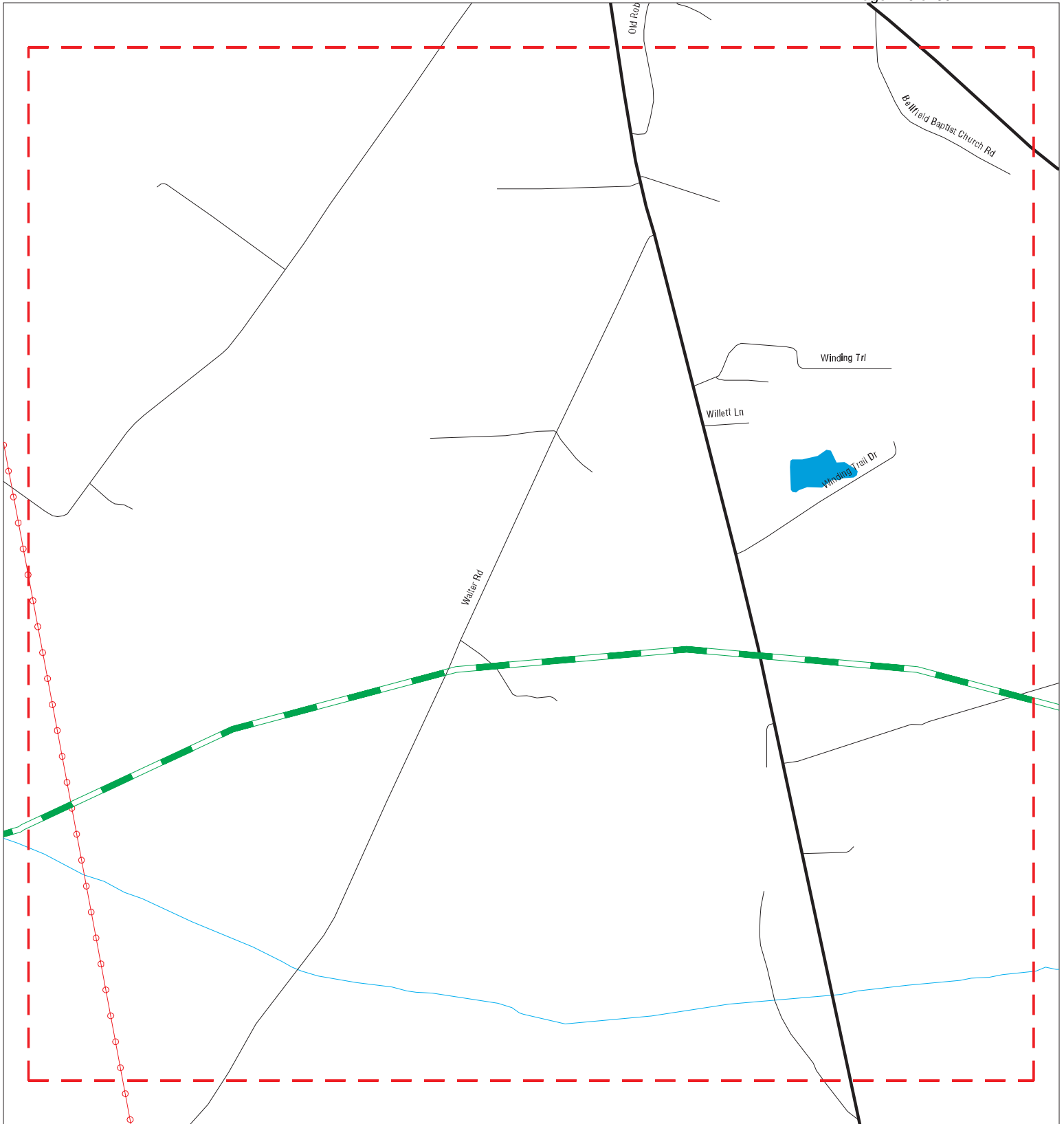
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 3

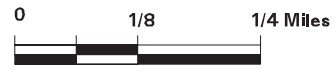
Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



SITE NAME: Sebree Solar ADDRESS: Sebree Solar CITY/STATE: Robards KY ZIP: 42452	CLIENT: ECT CONTACT: Maura Gibbons INQUIRY #: 6141200.1s DATE: 07/31/20
--	--

MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬ Focus Map - Sites
- ▨ Indian Reservations BIA
- ▬ Target Property
- ⚡ Power Line
- ▬ Search Buffer
- ▨ National Priority List Sites
- ▬ Focus Map - No Sites
- ▨ Dept. Defense Sites



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- / / Focus Map - Sites
- Indian Reservations BIA
- / / Target Property
- / / Power Line
- / / Search Buffer
- / / National Priority List Sites
- / / Focus Map - No Sites
- / / Dept. Defense Sites



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

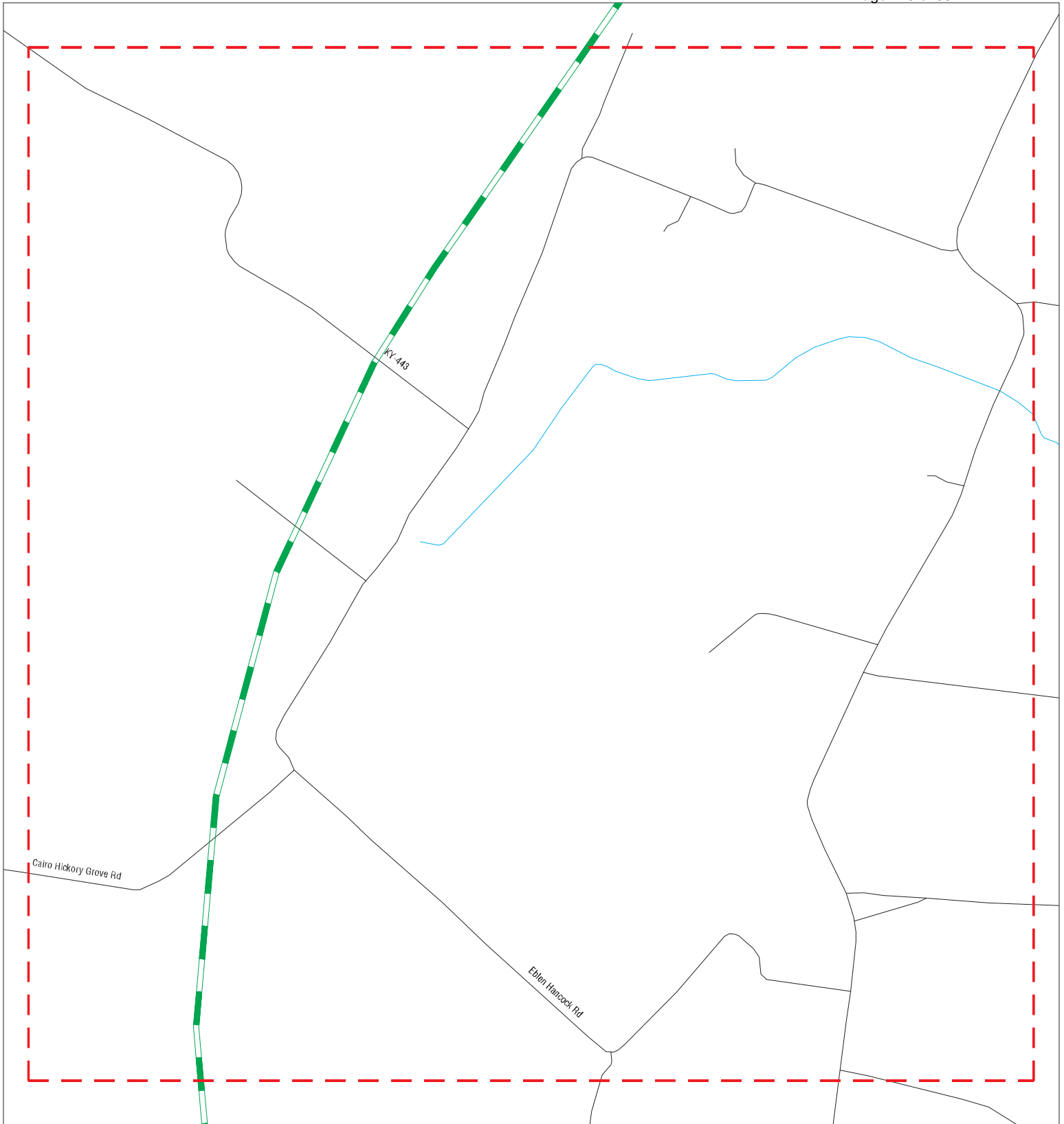
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 6

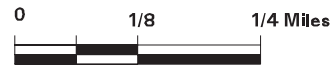
Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- - - Target Property
- - - Search Buffer
- - - Focus Map - No Sites
- - - Focus Map - Sites
- - - Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



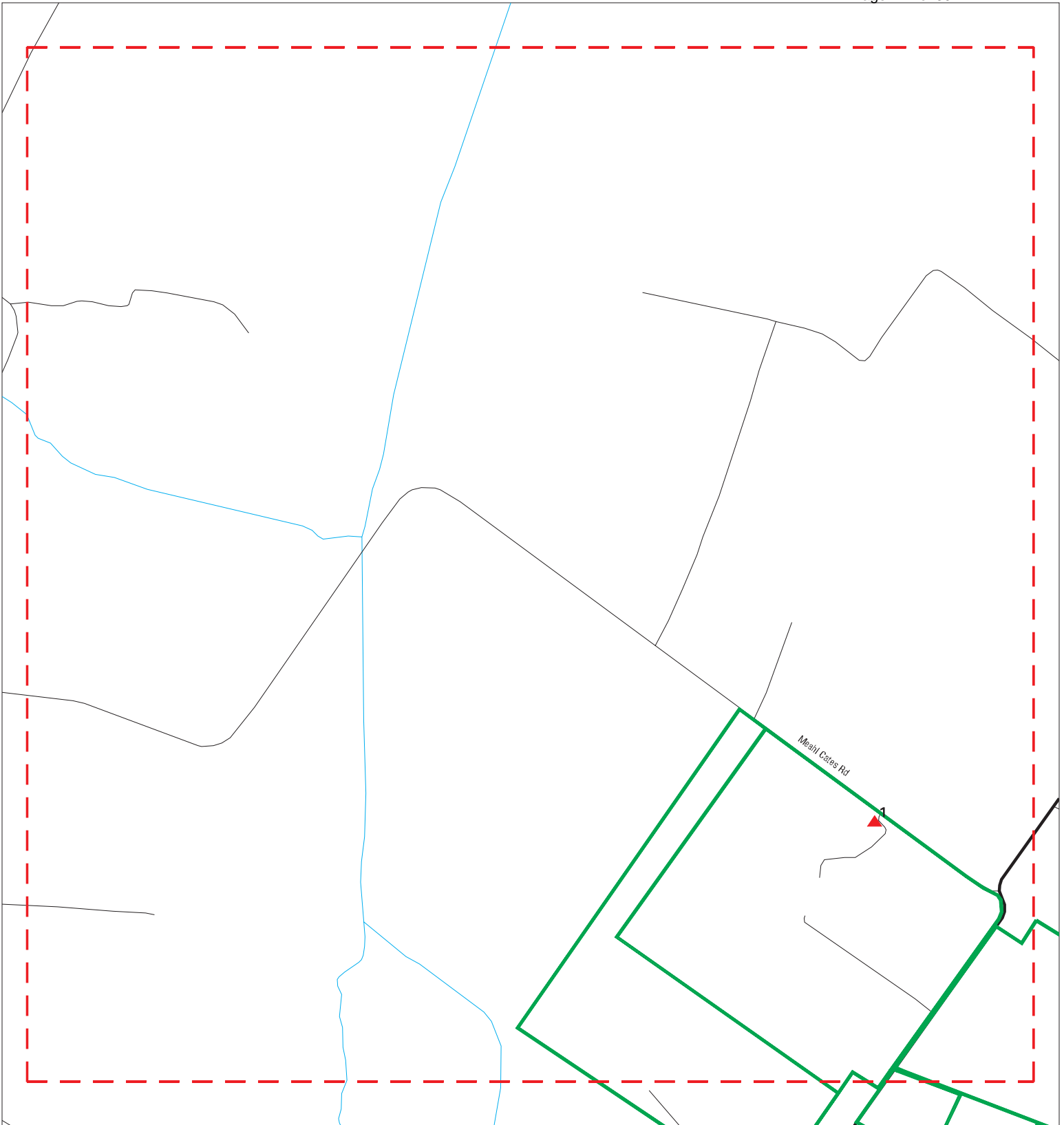
SITE NAME: Sebree Solar ADDRESS: Sebree Solar CITY/STATE: Robards KY ZIP: 42452	CLIENT: ECT CONTACT: Maura Gibbons INQUIRY #: 6141200.1s DATE: 07/31/20
--	--

MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



SITE NAME: Sebree Solar ADDRESS: Sebree Solar CITY/STATE: Robards KY ZIP: 42452	CLIENT: ECT CONTACT: Maura Gibbons INQUIRY #: 6141200.1s DATE: 07/31/20
--	--

MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS SPILLS	DIST (ft. & mi.) DIRECTION TP
-----------------------	-----------	---------	-----------------------------	-------------------------------------



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

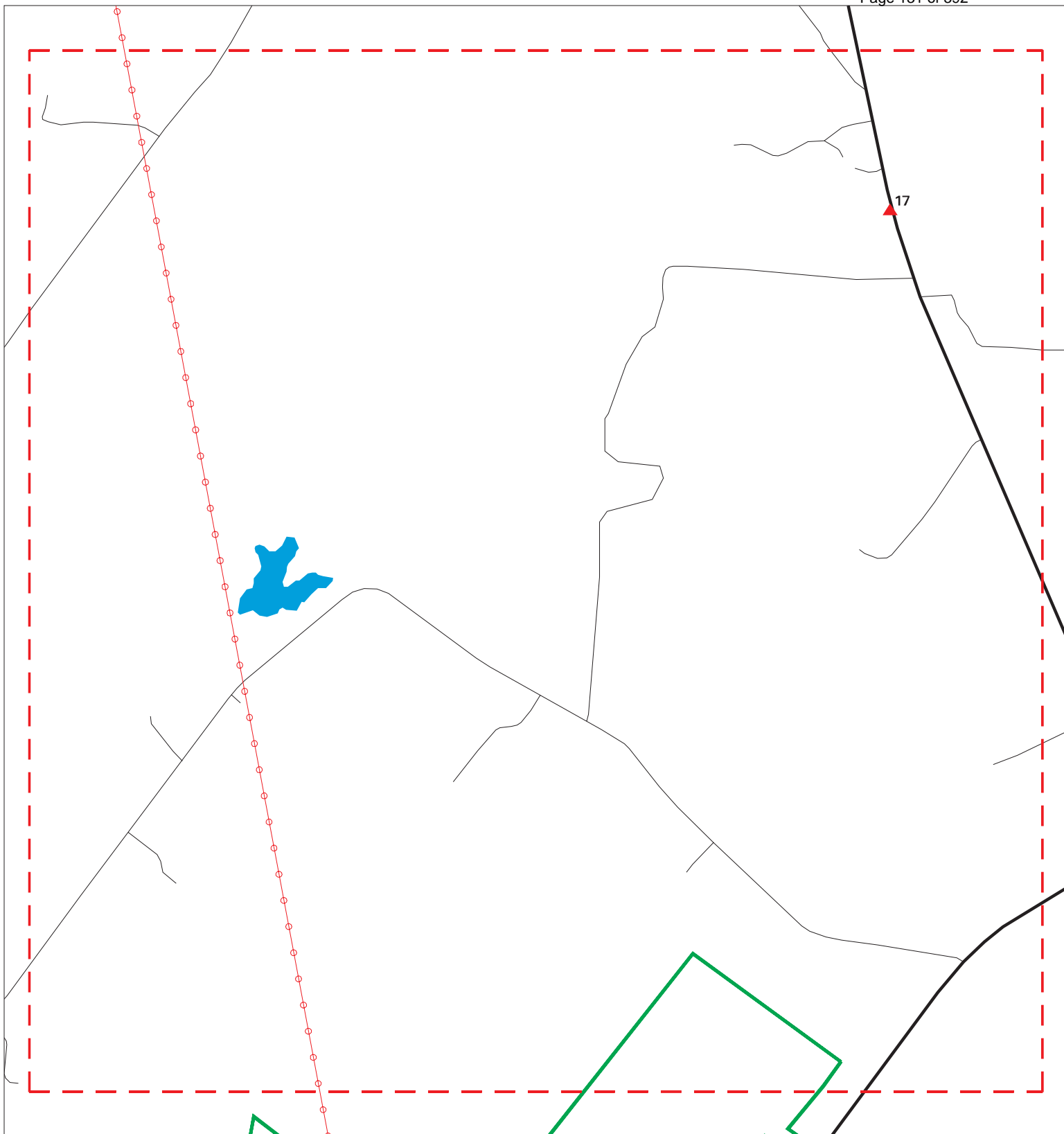
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 9

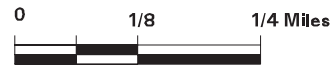
Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452










CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
17 / 10	OROS & BUSCH-WAYNE F	12743 US 41 S	SWF/LF	5964 1.130 NNE



-  Sites
-  Target Property
-  Search Buffer
-  Focus Map - No Sites
-  Focus Map - Sites
-  Power Line
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA



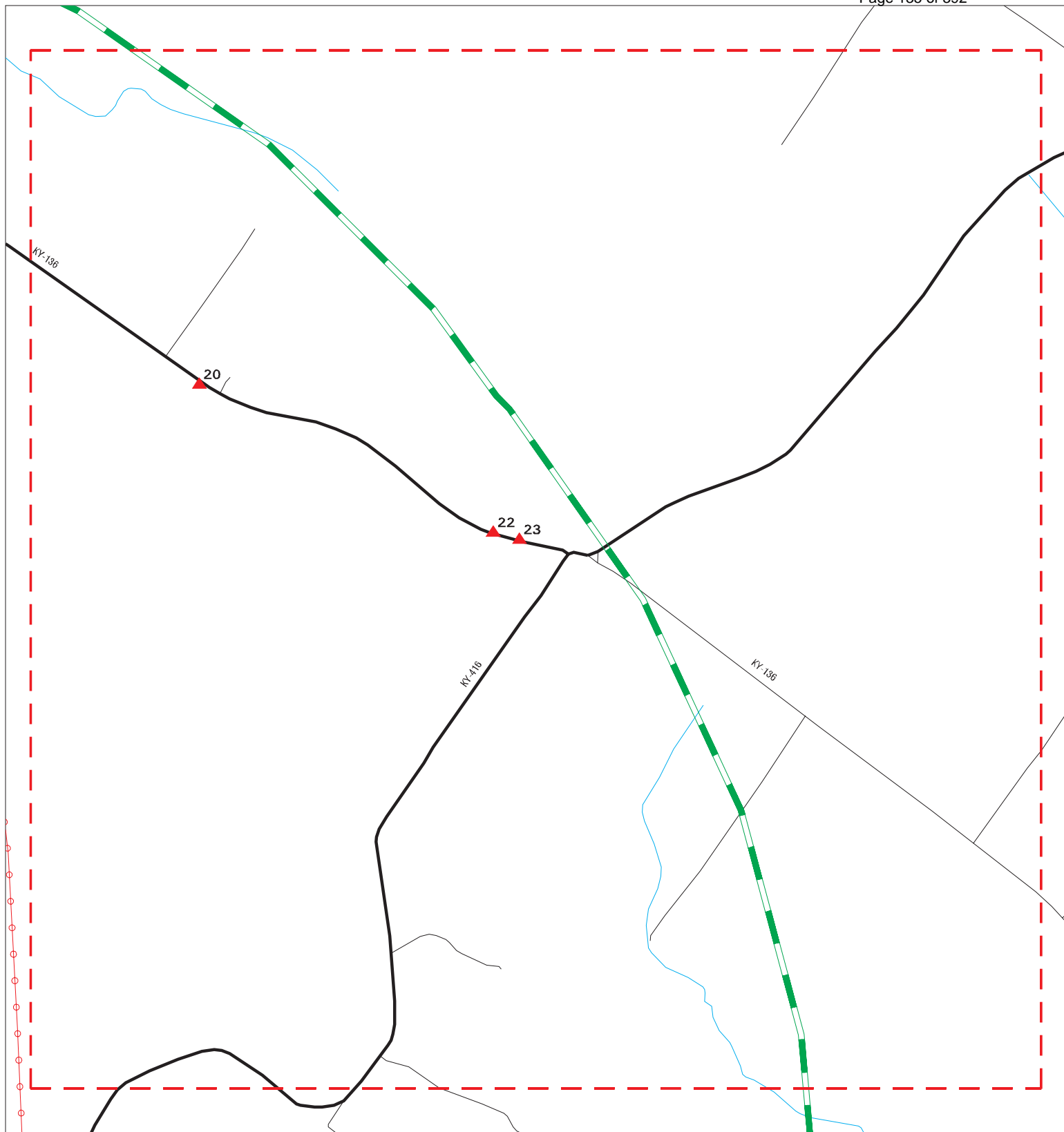
SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
13 / 11	DENNIS JONES PROPERT	13021 HIGHWAY 41 SOU	SHWS	3249 0.615 NE
21 / 11	NIAGARA ELEMENTARY S	13043 KY 136 E	UST	8982 1.701 NNE



- ▲ Sites
- - - Target Property
- - - Search Buffer
- - - Focus Map - No Sites
- - - Focus Map - Sites
- - - Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 12

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
20 / 12	EFFIE WALKER TRANSFO	14830 HWY 136 E	SHWS	8630 1.634 NE
22 / 12	HAZEL JOHNSON PROPER	15815 KY 136 E	UST	9678 1.833 NE
23 / 12	HAWKINS GROCERY	15889 KY 136 E	PSTEAF, UST	9811 1.858 NE



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

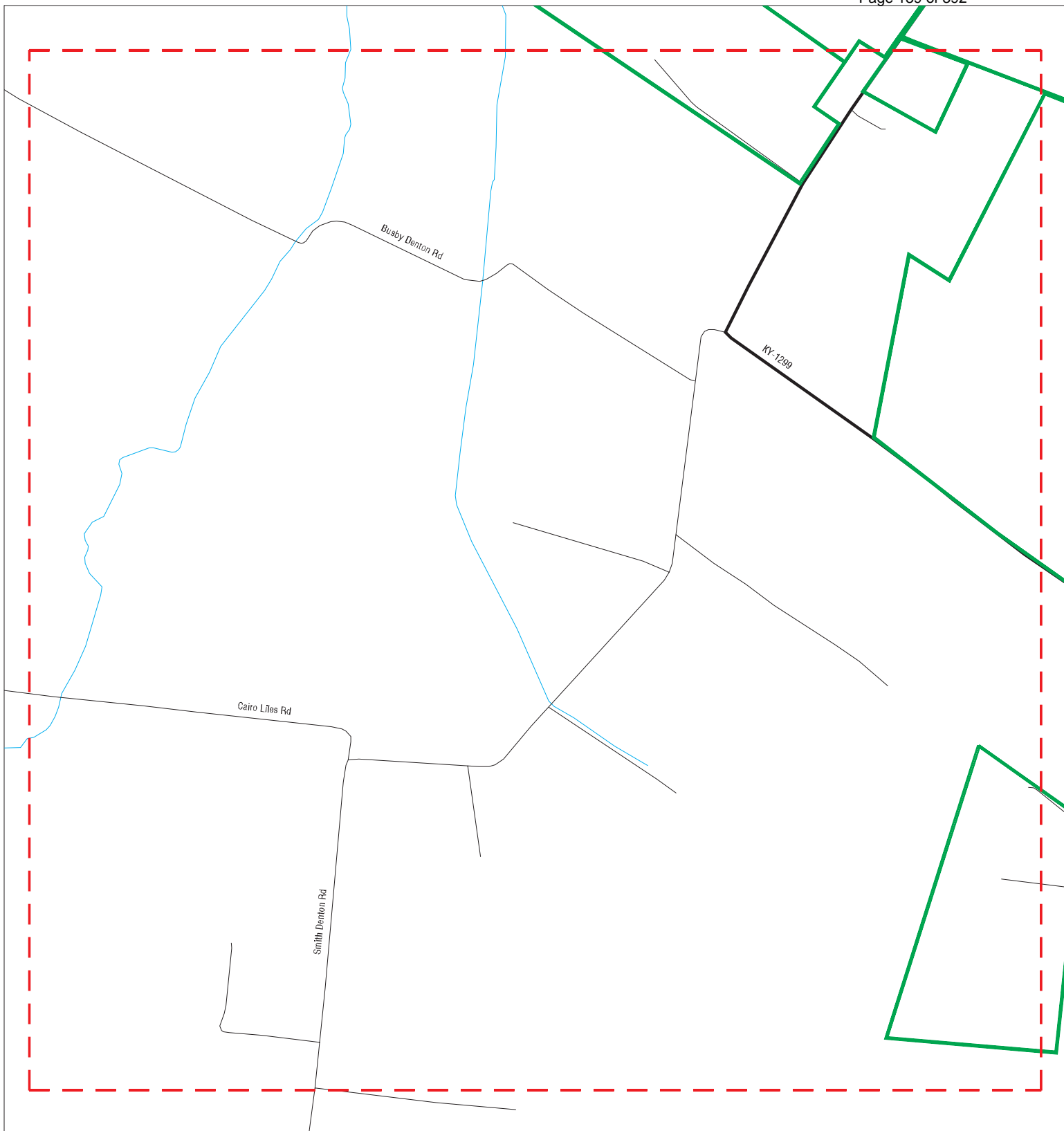
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 13

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

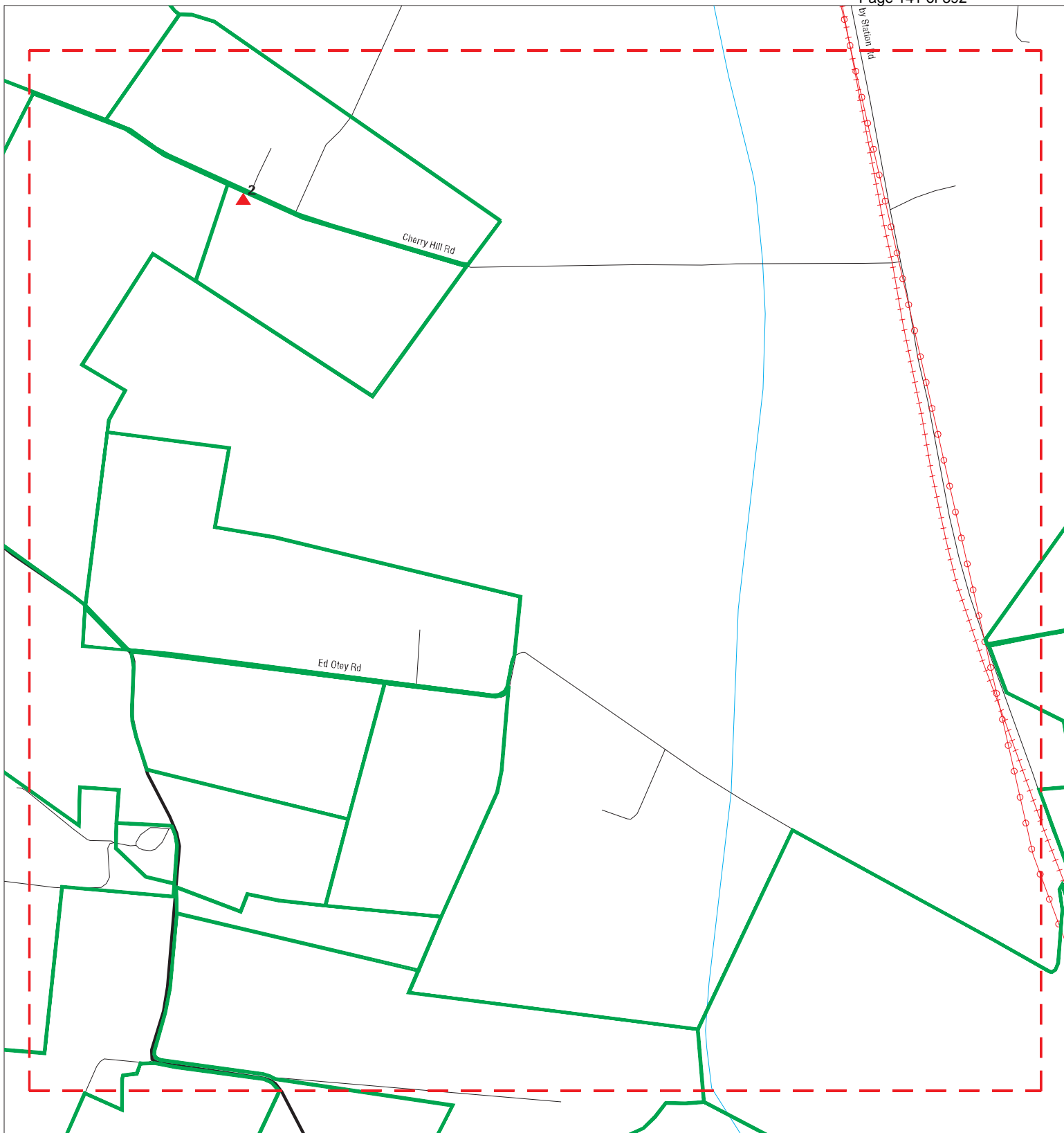
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



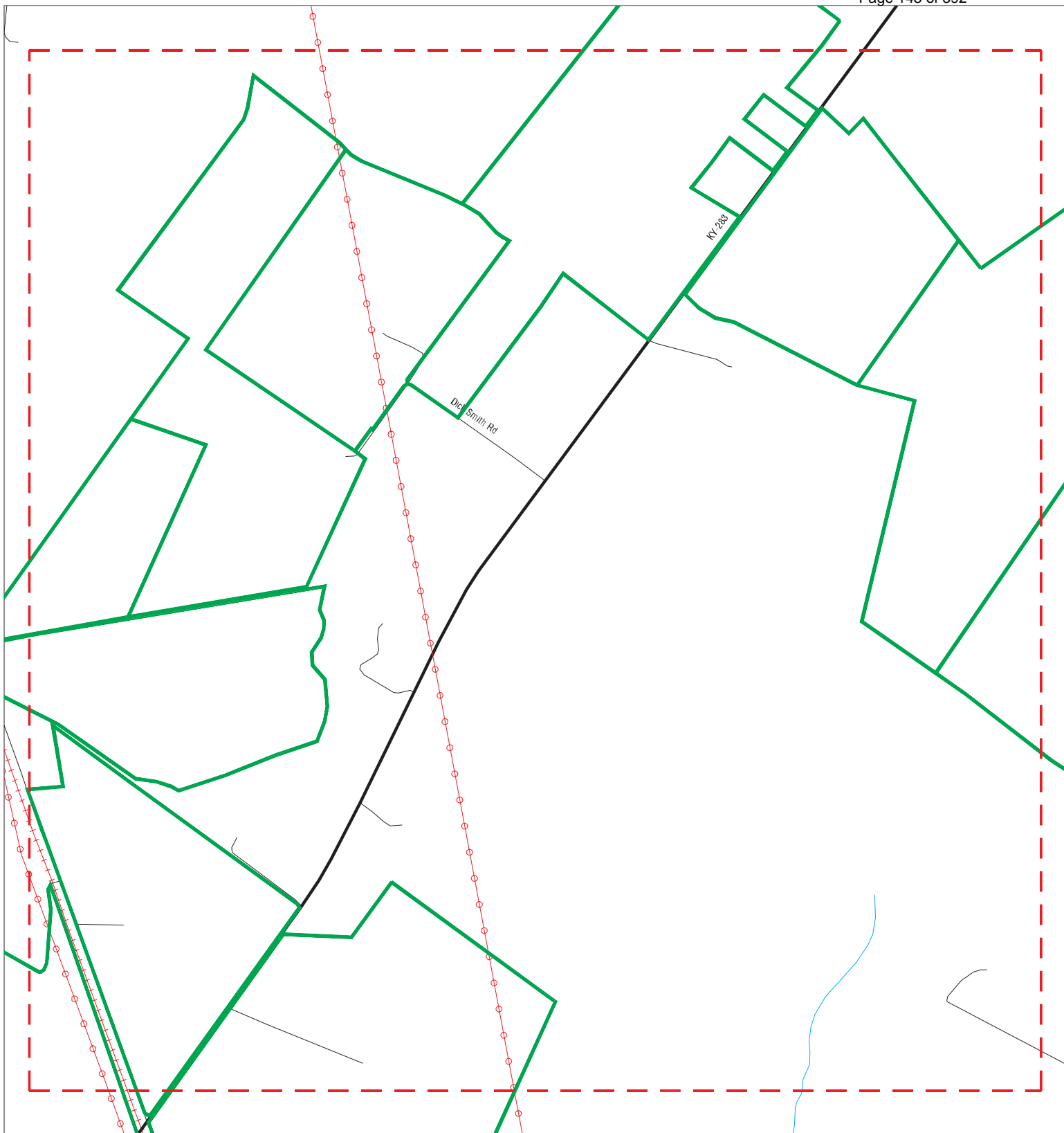
SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 15

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
2 / 15	CHERRY HILL UNIT	CHERRY HILL RD	FINDS	TP



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 16

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▨ Target Property
- ▨ Search Buffer
- ▨ Focus Map - No Sites
- ▨ Focus Map - Sites
- ▨ Power Line
- ▨ National Priority List Sites
- ▨ Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

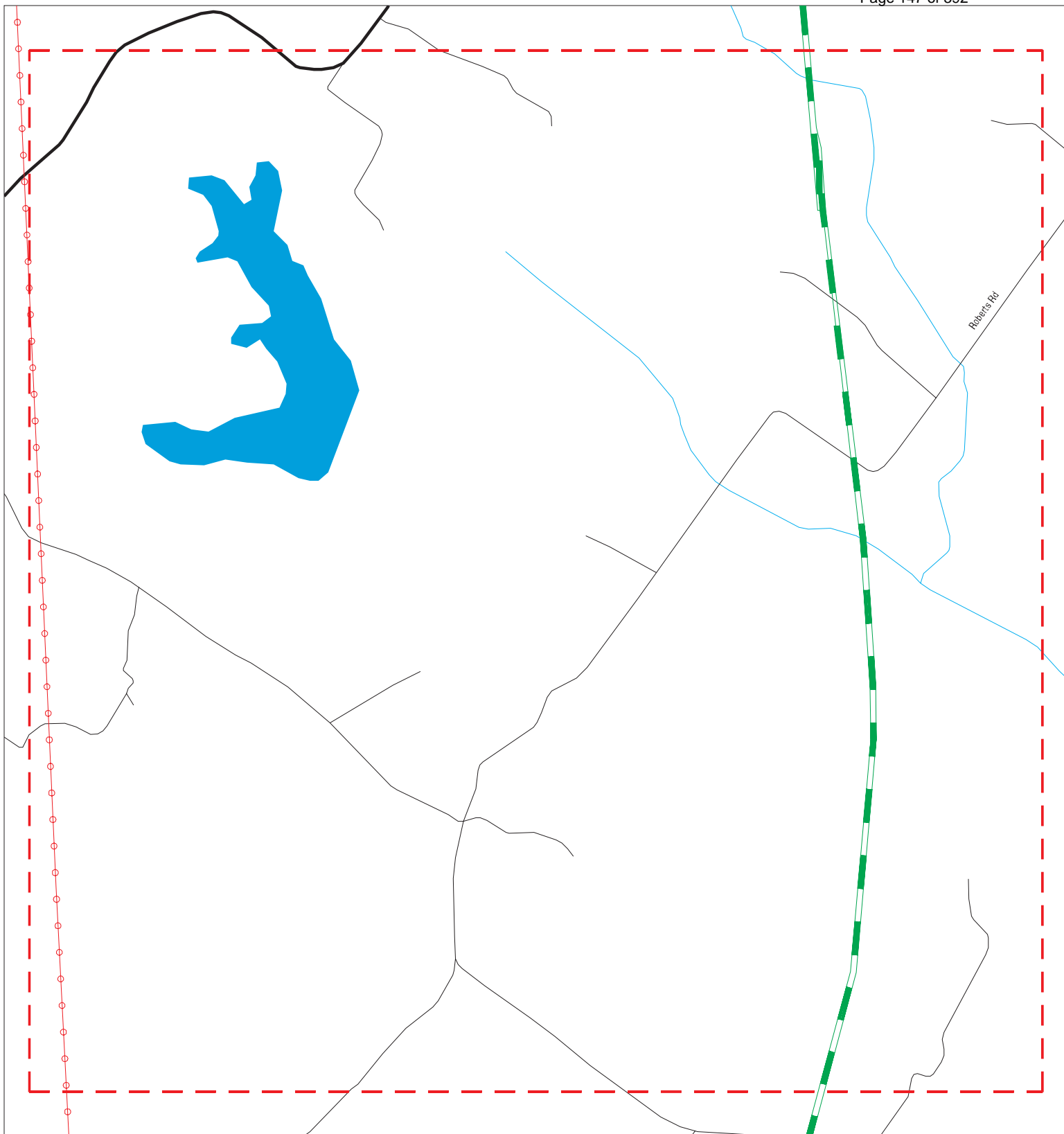
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 17

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ✓ Target Property
- - - Search Buffer
- // Focus Map - No Sites
- // Focus Map - Sites
- ⚡ Power Line
- / / National Priority List Sites
- | | Dept. Defense Sites
- / / / / Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

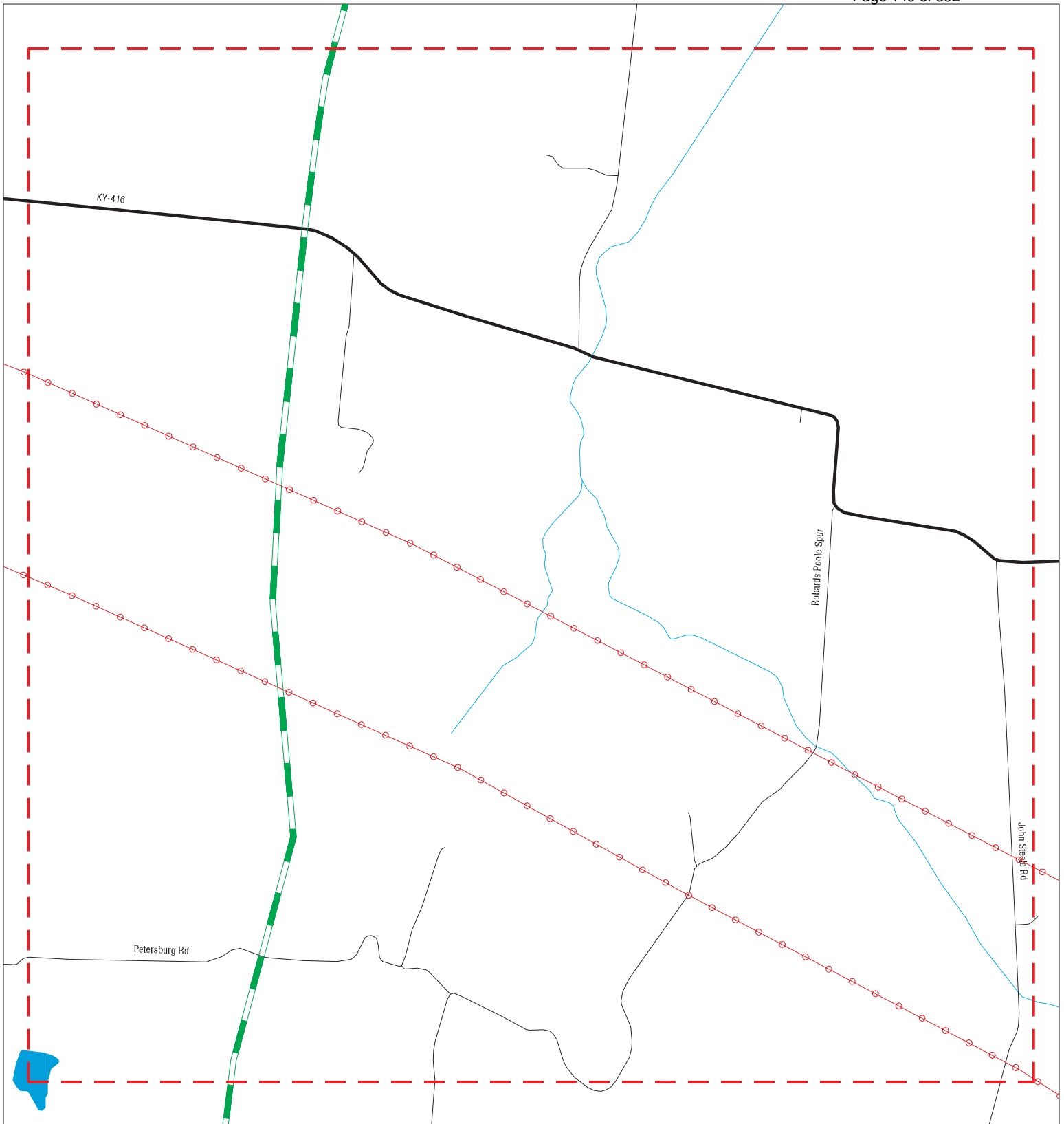
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 18

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Indian Reservations BIA |
| Target Property | Power Line | |
| Search Buffer | National Priority List Sites | |
| Focus Map - No Sites | Dept. Defense Sites | |



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

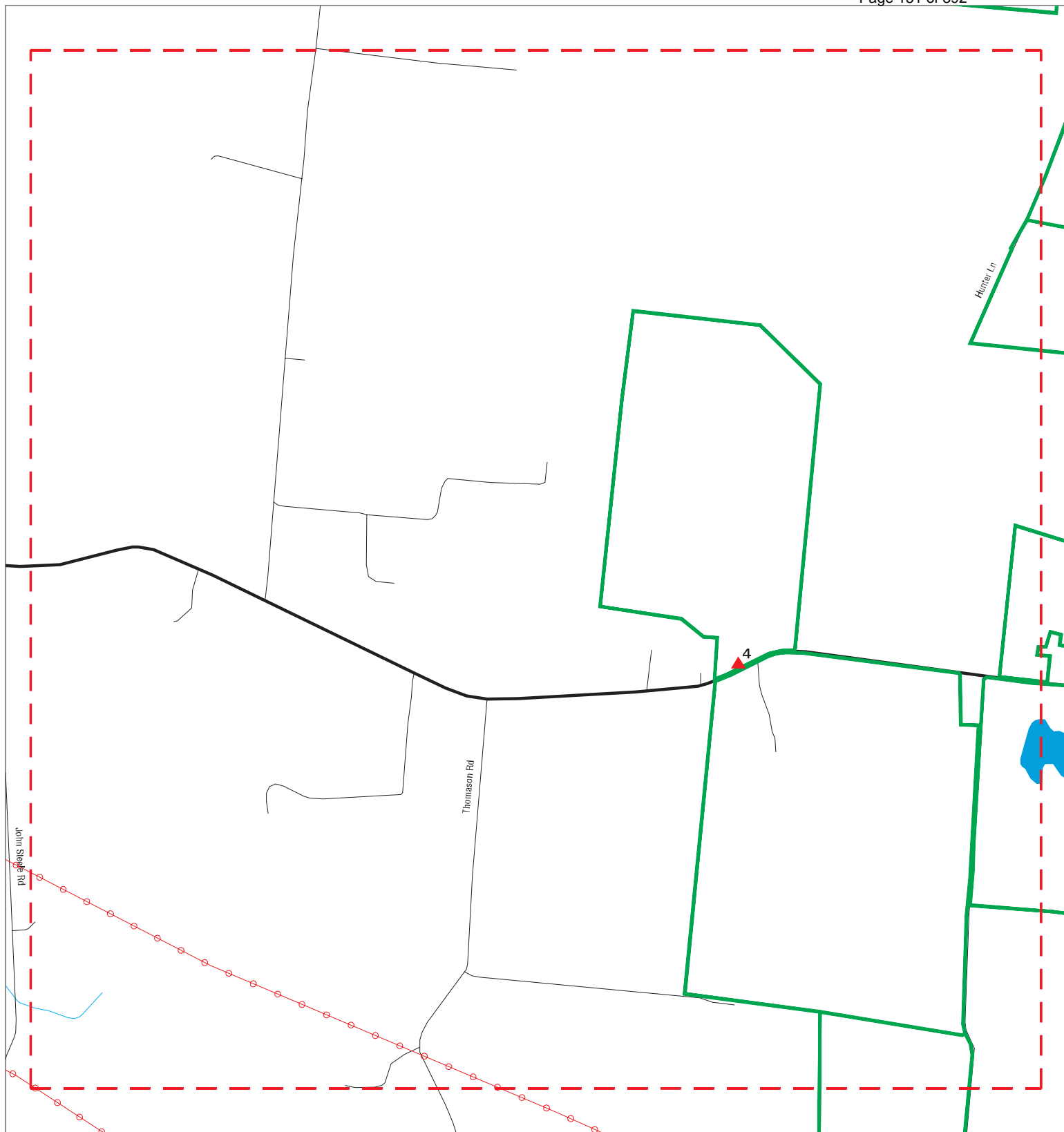
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 19

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▭ Target Property
- ▭ Search Buffer
- ▭ Focus Map - No Sites
- ▭ Focus Map - Sites
- ▭ Power Line
- ▭ National Priority List Sites
- ▭ Dept. Defense Sites
- Indian Reservations BIA



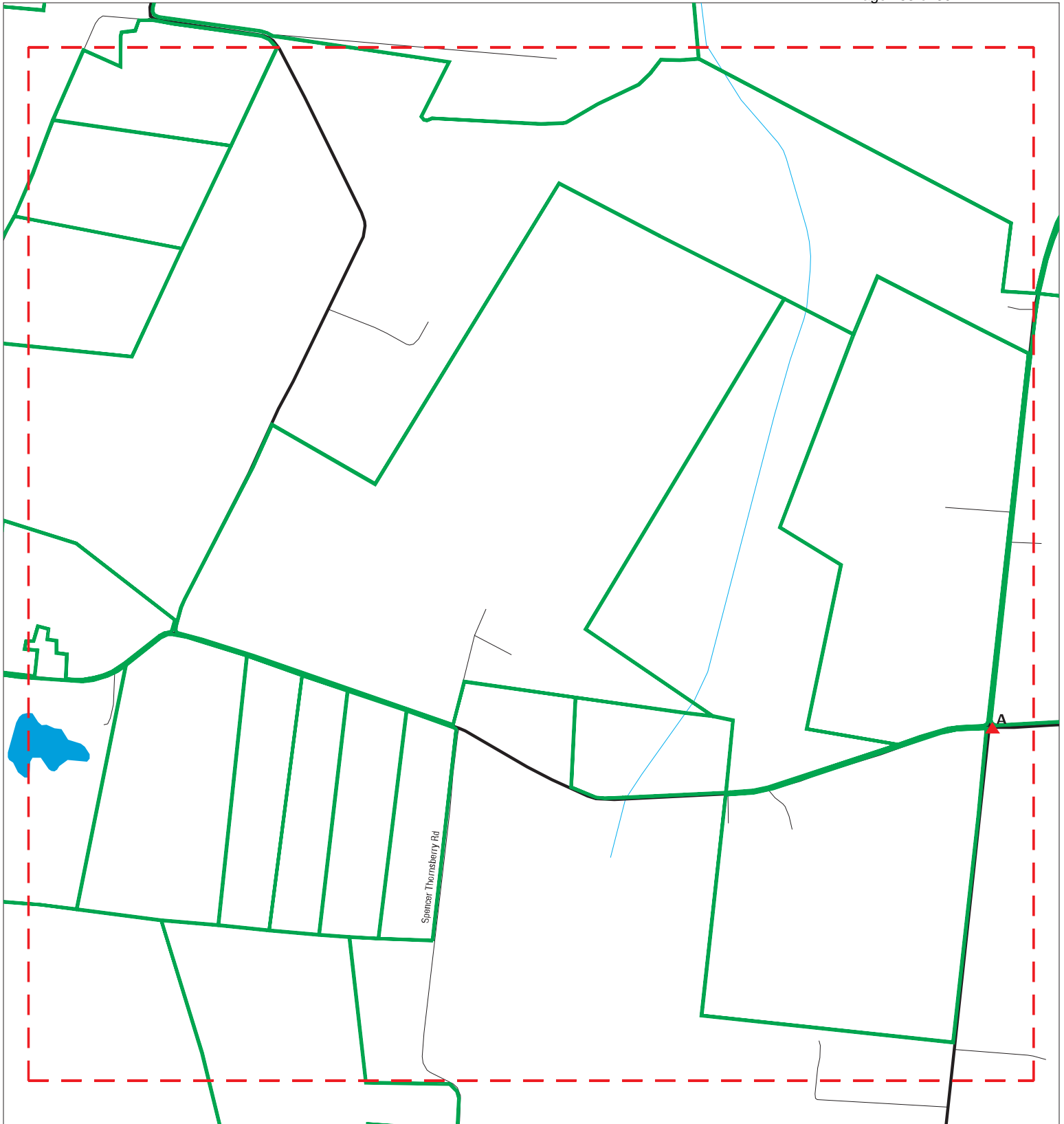
SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

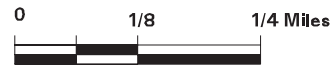
MAPPED SITES SUMMARY - FOCUS MAP 20

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
4 / 20	THORTON WALKER # 1	SR 416	FINDS	TP



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- Indian Reservations BIA

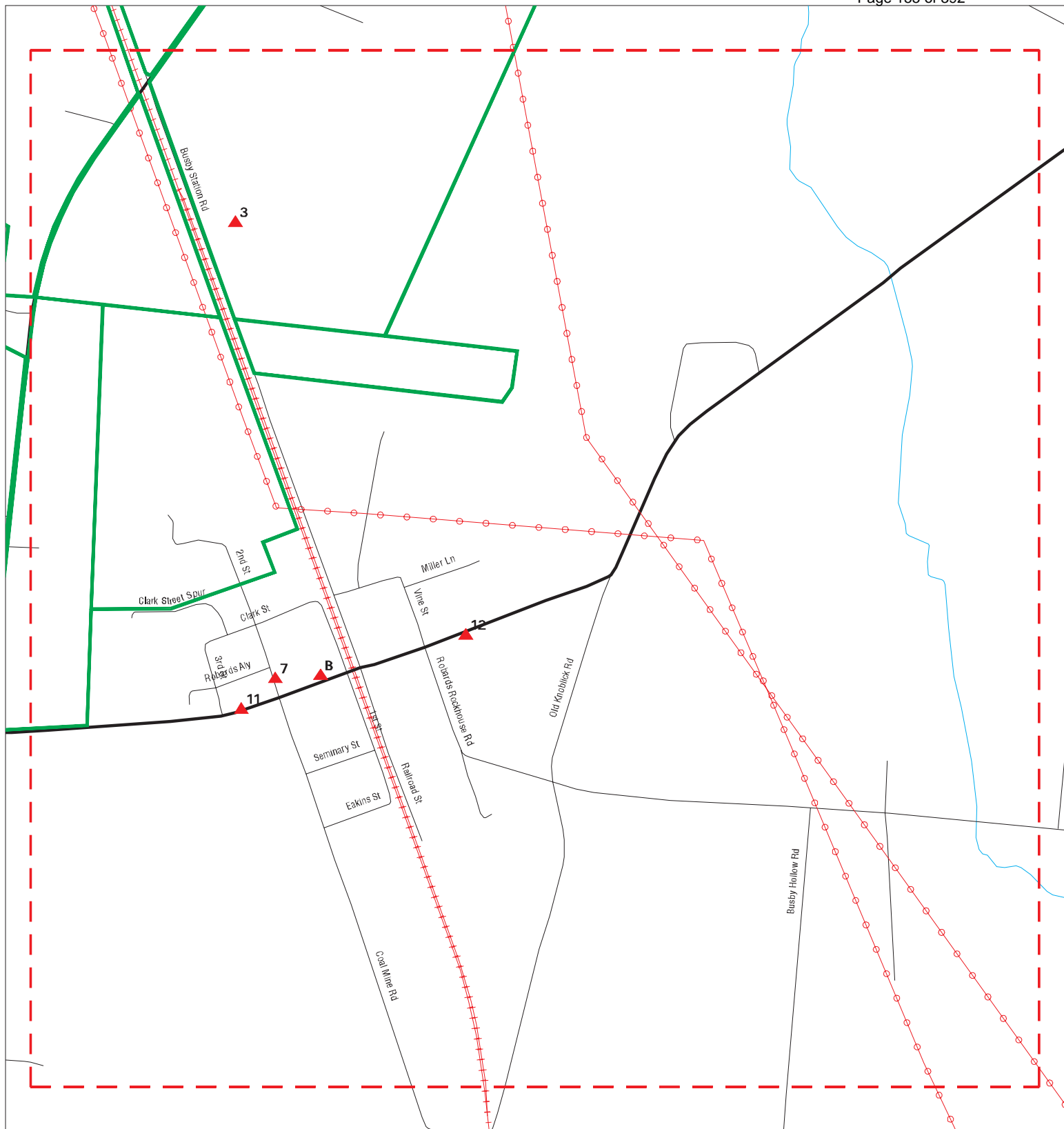


SITE NAME: Sebree Solar ADDRESS: Sebree Solar CITY/STATE: Robards KY ZIP: 42452	CLIENT: ECT CONTACT: Maura Gibbons INQUIRY #: 6141200.1s DATE: 07/31/20
--	--

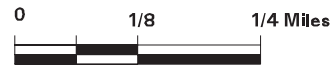
MAPPED SITES SUMMARY - FOCUS MAP 21

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A5 / 21	AT & T	HWY 283, 3.7 MI W OF	RCRA NonGen / NLR	24 0.005 SSW
A6 / 21	ROBARDS L331360	KY 283	UST	41 0.008 East



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 22

Target Property:
 SEBREE SOLAR
 ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
3 / 22	AT & T	HWY 283, 3.7 MI W OF	FINDS, ECHO	TP		
7 / 22	B & C WAST TIRE MANA	1228 2ND ST	SWF/LF	769	0.146	SSE
B8 / 22	KEY OIL COMPANY	HWY 42	UST	868	0.164	SSE
B10 / 22	HYDES GROCERY INC	7975 KY 416	PSTEAF, SB193, UST	908	0.172	SSE
11 / 22	ROBARDS ELEMENTARY S	8253 KY 416 W	UST	909	0.172	SSE
12 / 22	BUSBYS BODY SHOP	8028 KY 416 W	UST	1545	0.293	ESE



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



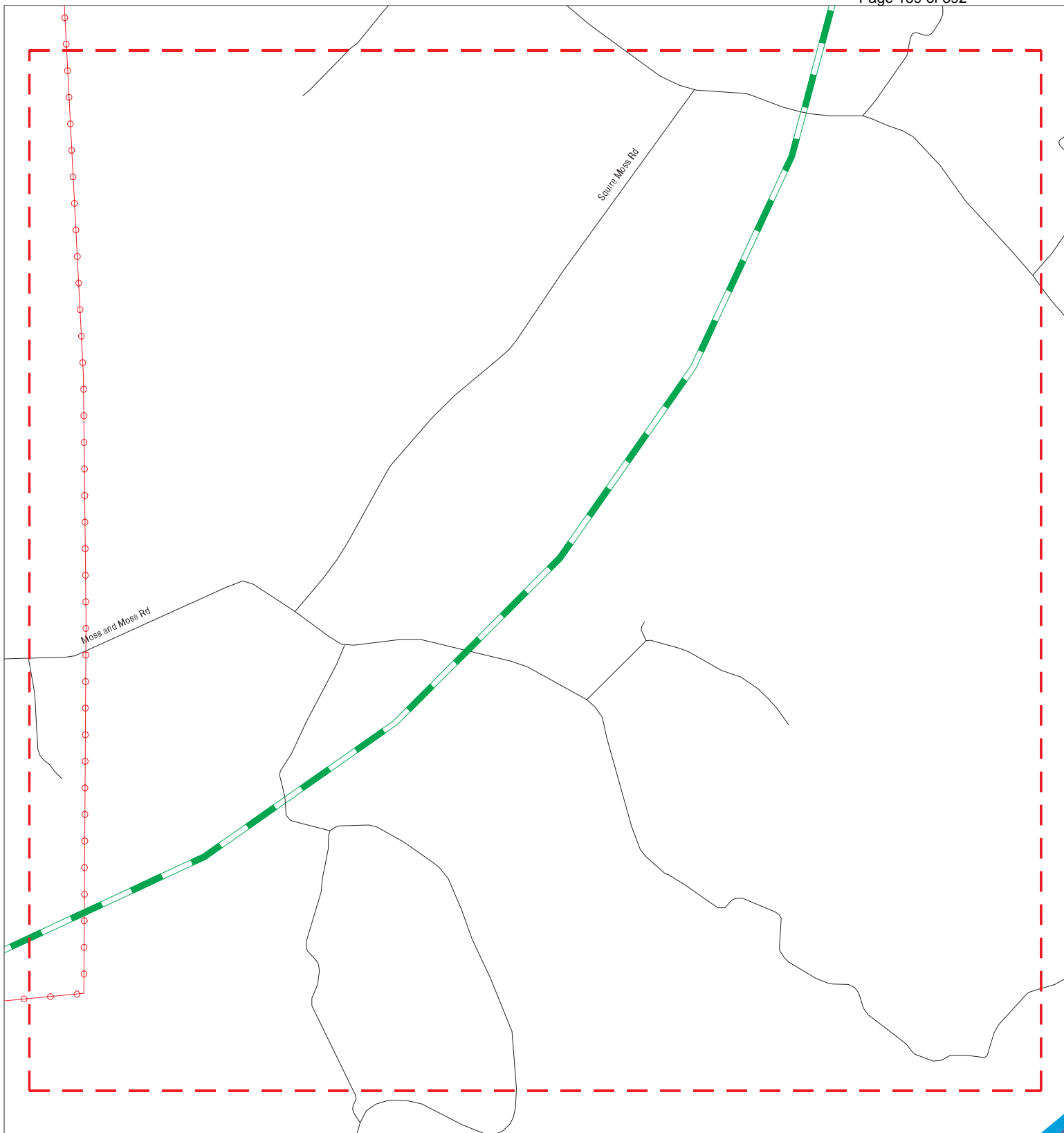
SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452










CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 23

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
C14 / 23	NORTH-SOUTH TRUCK ST	14260 U S 41 S	EDR Hist Auto	5902 1.118 ESE
C15 / 23	NORTH SOUTH TRUCK ST	14260 US 41 S	UST	5902 1.118 ESE
C16 / 23	NORTH-SOUTH TRUCK ST	14260 US HIGHWAY 41	EDR Hist Auto	5902 1.118 ESE



-  Sites
-  Focus Map - Sites
-  Indian Reservations BIA
-  Target Property
-  Power Line
-  Search Buffer
-  National Priority List Sites
-  Focus Map - No Sites
-  Dept. Defense Sites



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

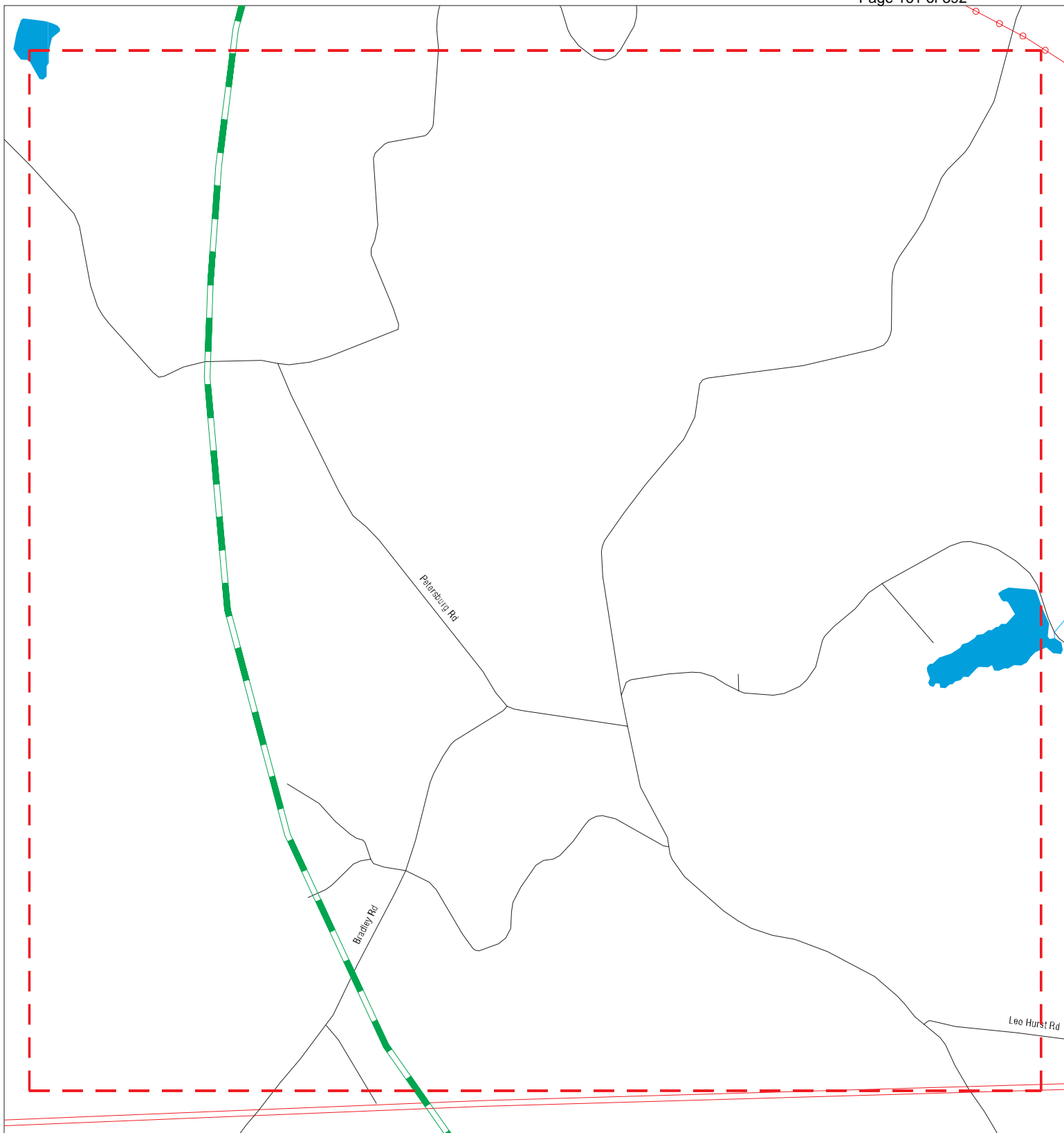
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 24

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬▬ Target Property
- ▬▬ Search Buffer
- ▬▬ Focus Map - No Sites
- ▬▬ Focus Map - Sites
- ⚡ Power Line
- ▬▬ National Priority List Sites
- ▬▬ Dept. Defense Sites
- ▬▬ Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

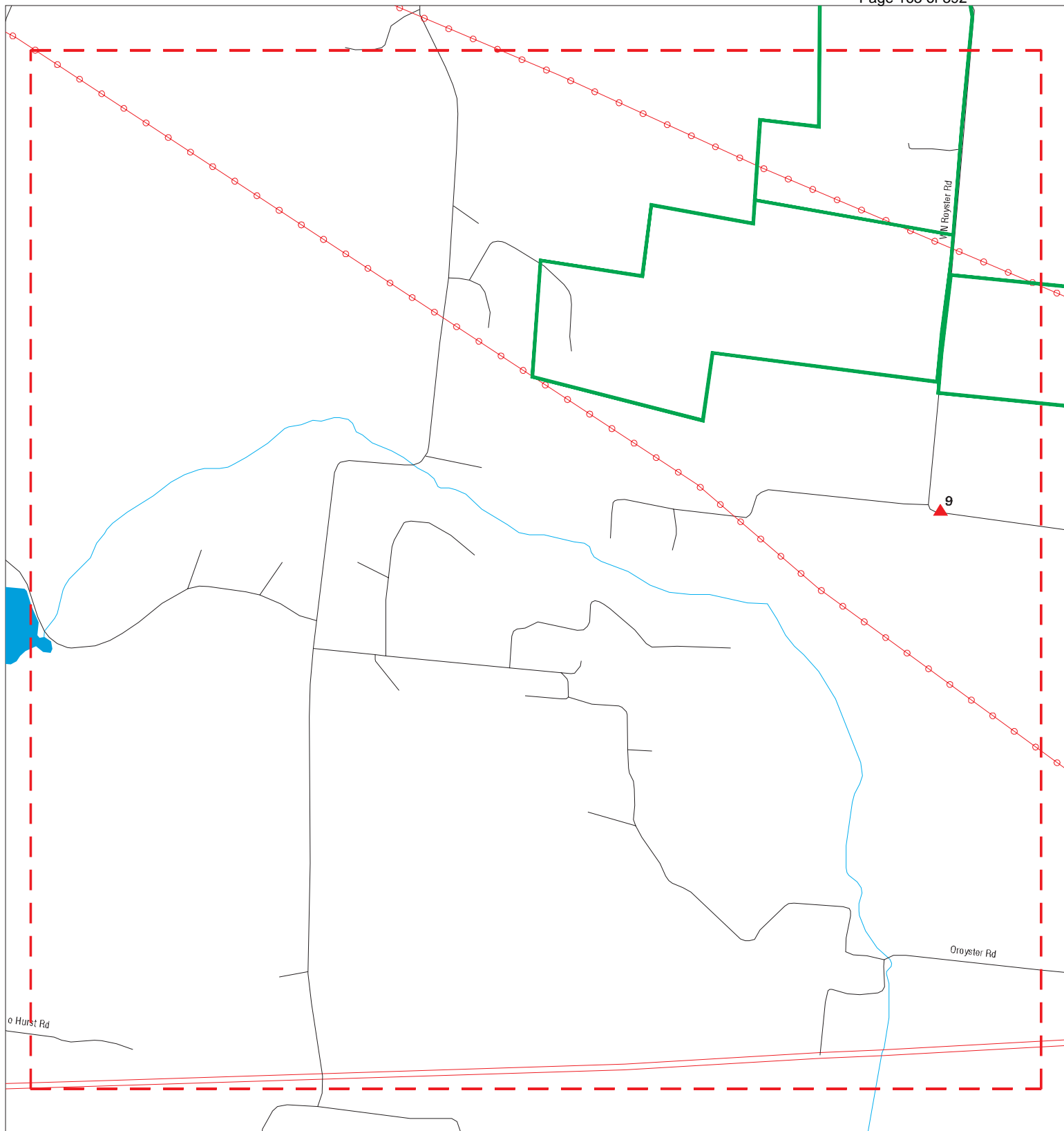
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 25

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ⚡ Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



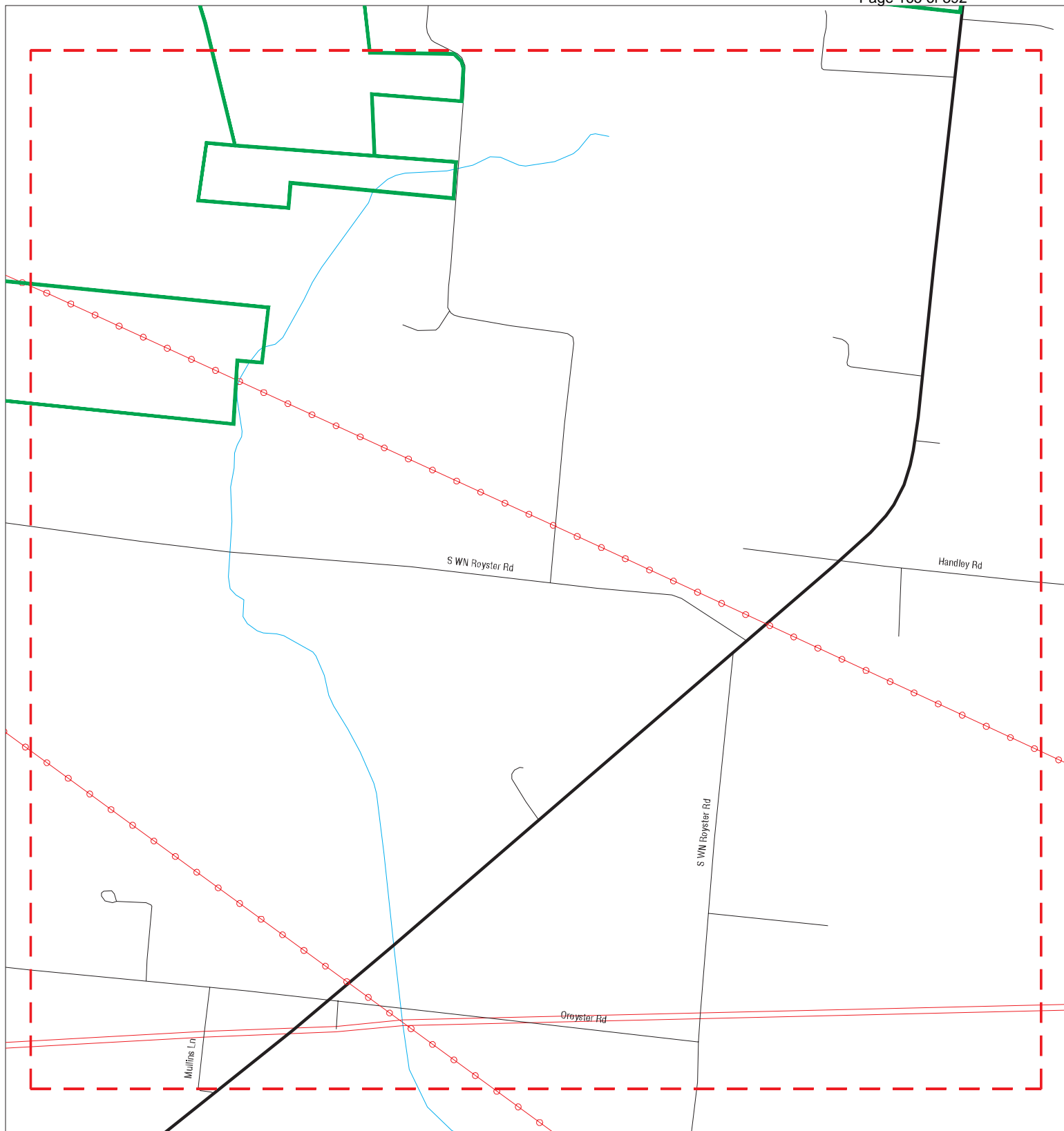
SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 26

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
9 / 26	TRI COUNTY TRANSMISS	8892 WN ROYSTER RD	EDR Hist Auto	901 0.171 South



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 27

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

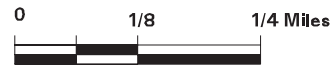
MAPPED SITES SUMMARY - FOCUS MAP 28

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
18 / 28	AMG ALUMINUM NORTH A	3293 MCDONALD ROAD	RCRA-LQG, TSCA, TRIS	6740 1.277 SSE



- ▲ Sites
- - - Target Property
- - - Search Buffer
- - - Focus Map - No Sites
- - - Focus Map - Sites
- - - Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

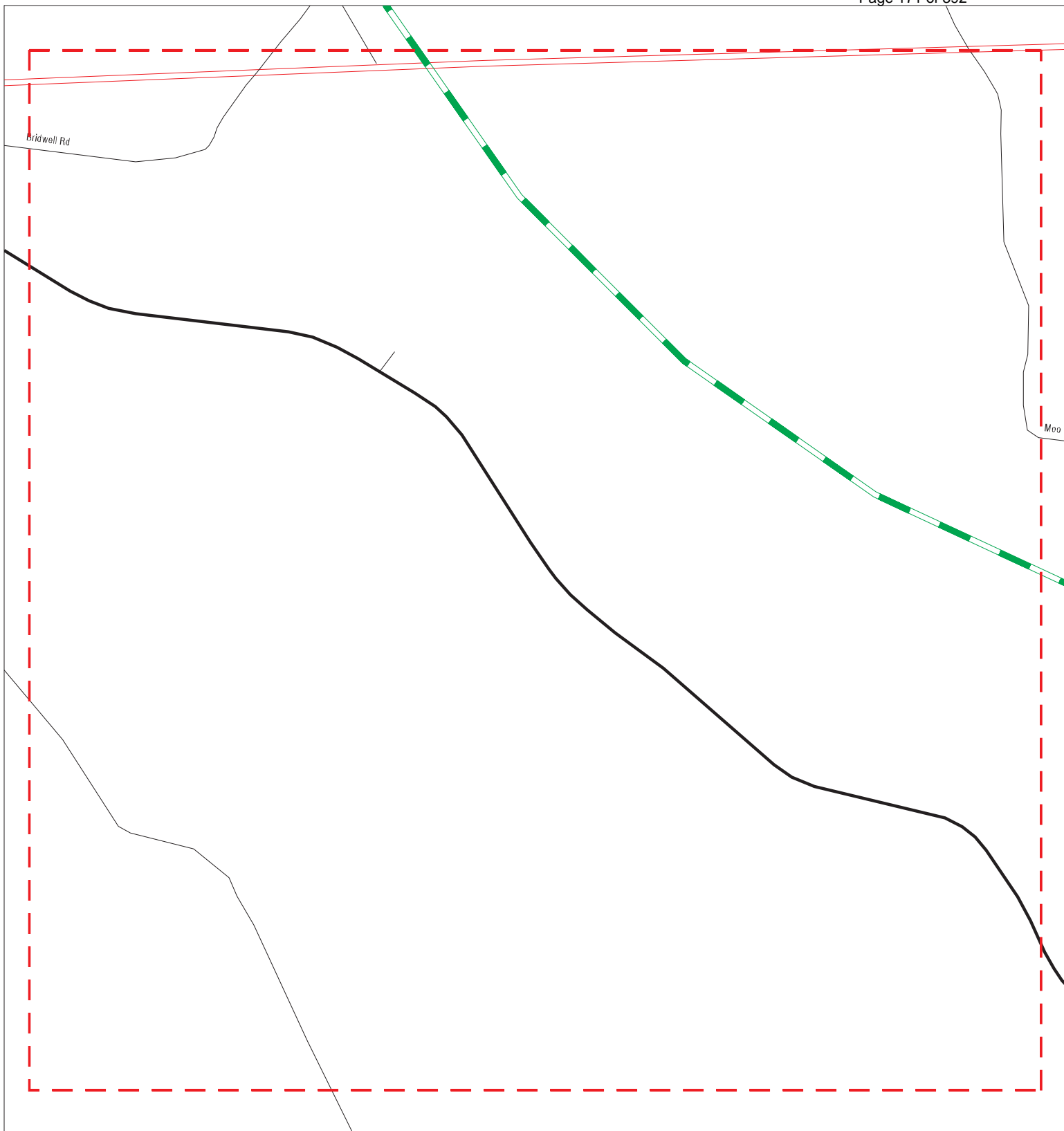
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 29

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- - - Target Property
- Search Buffer
- - - Focus Map - No Sites
- / / Focus Map - Sites
- Power Line
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

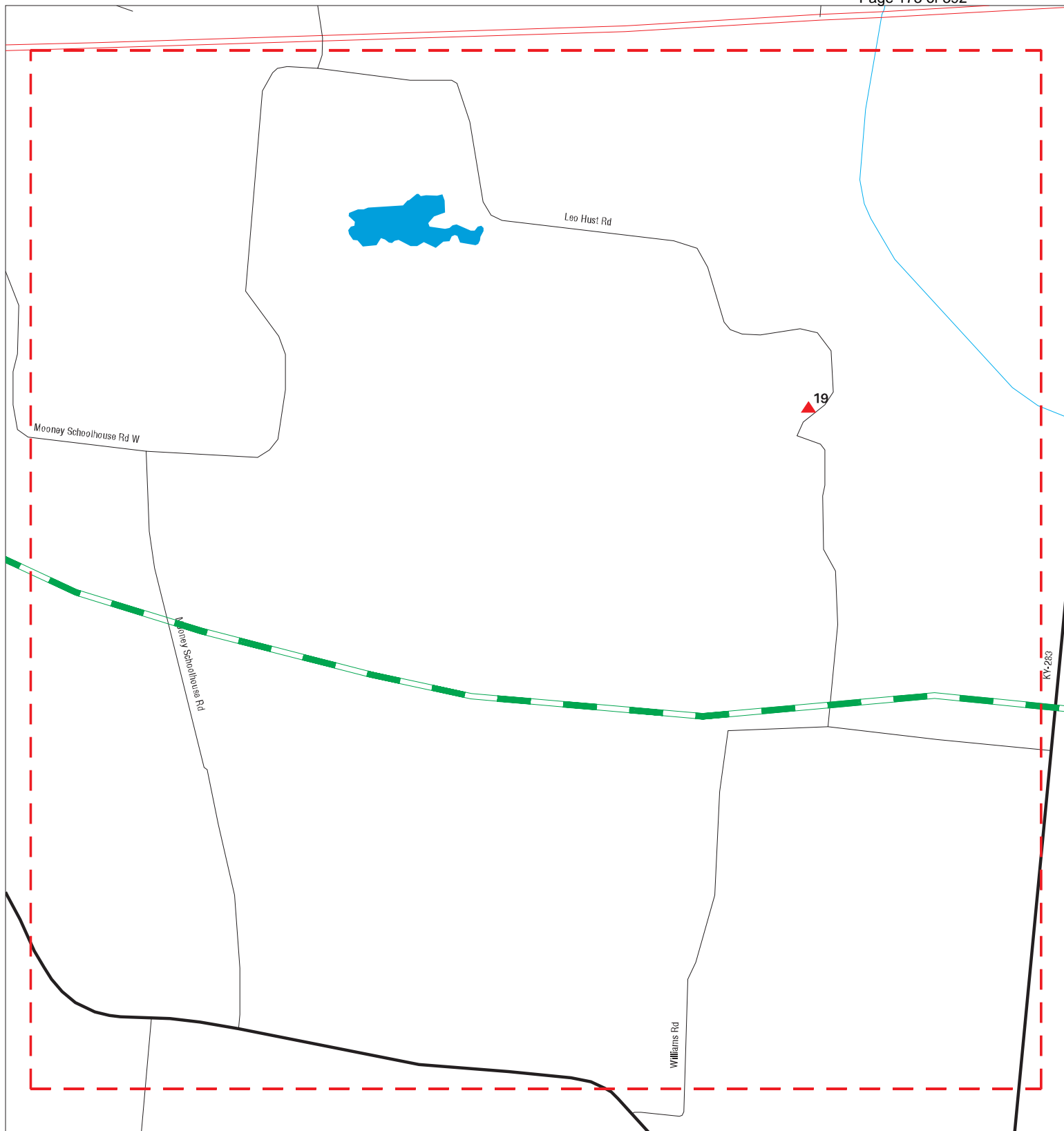
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 30

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- / / Focus Map - Sites
- Indian Reservations BIA
- / / Target Property
- / / Power Line
- National Priority List Sites
- / / Search Buffer
- Dept. Defense Sites
- / / Focus Map - No Sites
- Dept. Defense Sites



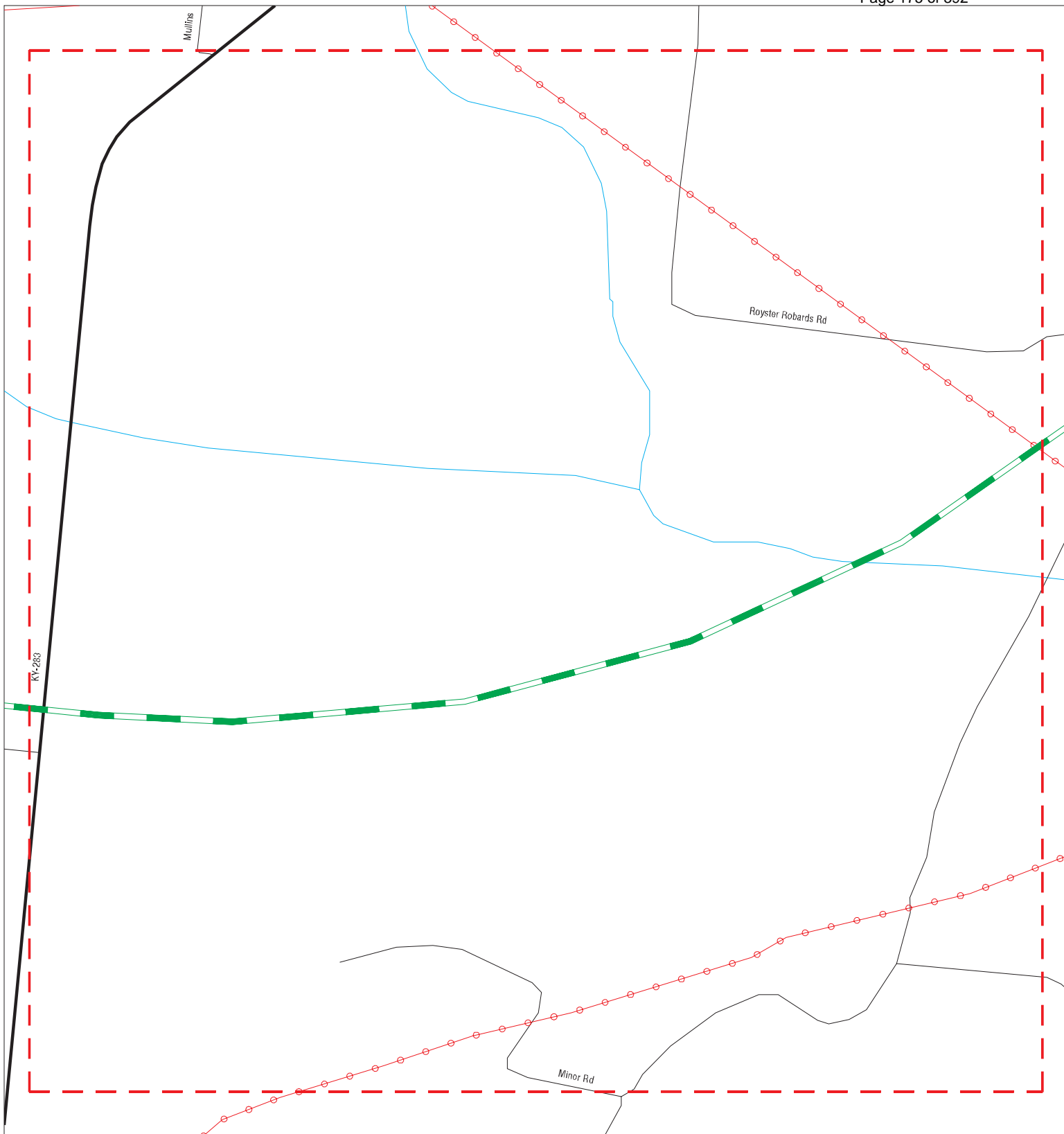
SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 31

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
19 / 31	ANCHOR OIL TRANSFORM	485 LEOHUST ROAD	SHWS	7999 1.515 South



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ National Priority List Sites
- ▬ Dept. Defense Sites
- ▬ Indian Reservations BIA



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

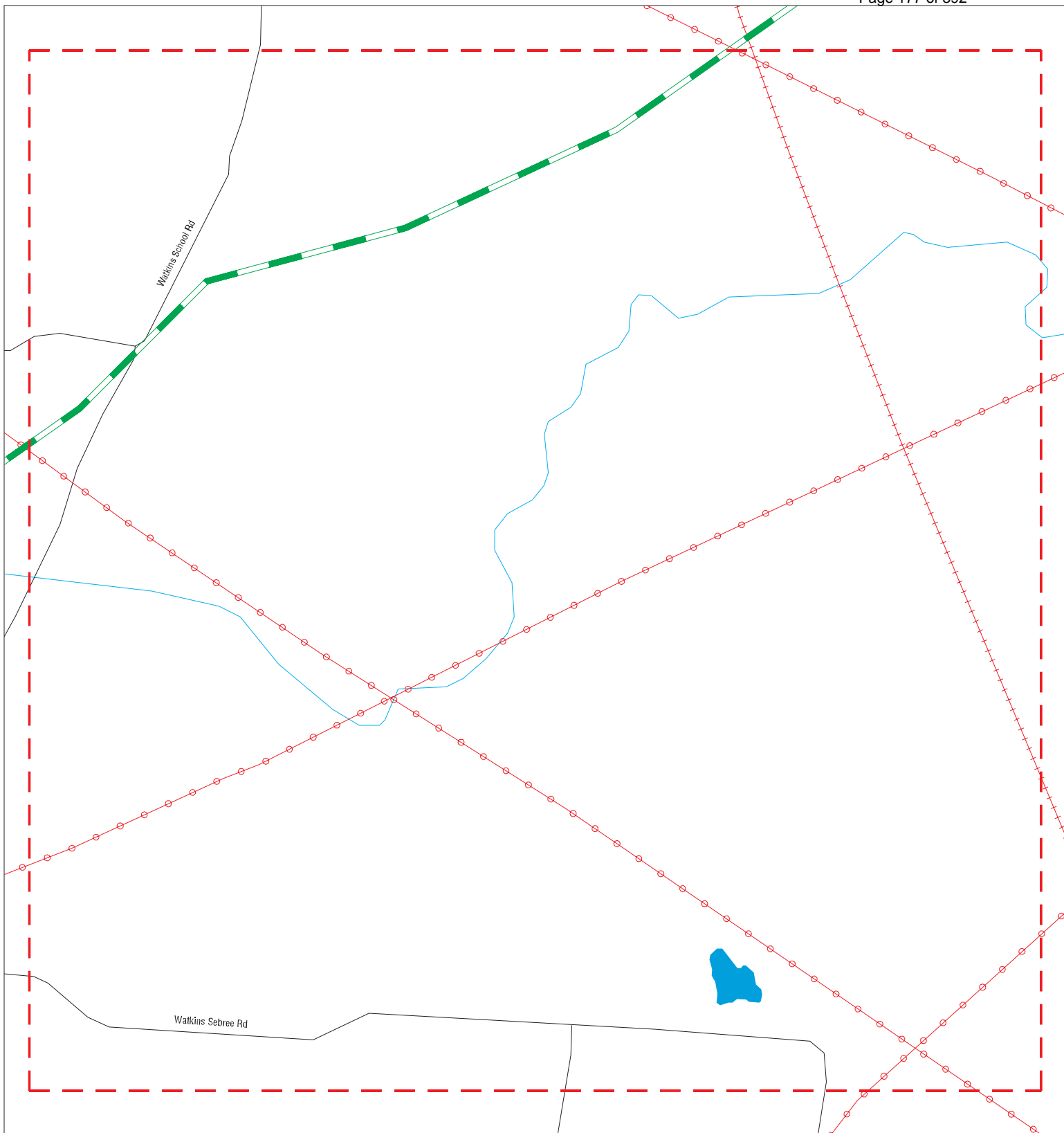
CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 32

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND



- ▲ Sites
- ▨ Focus Map - Sites
- ▨ Indian Reservations BIA
- ▨ Target Property
- Power Line
- ▨ National Priority List Sites
- ▭ Search Buffer
- ▨ Focus Map - No Sites
- ▨ Dept. Defense Sites



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 CITY/STATE: Robards KY
 ZIP: 42452

CLIENT: ECT
 CONTACT: Maura Gibbons
 INQUIRY #: 6141200.1s
 DATE: 07/31/20

MAPPED SITES SUMMARY - FOCUS MAP 33

Target Property:
SEBREE SOLAR
ROBARDS, KY 42452

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)
 EDR ID Number
 EPA ID Number

1
Target
Property

HENDERSON, KY

SPILLS S117073339
N/A

Actual:
433 ft.
Focus Map:
8

SPILLS:

Name: Not reported
 Address: Not reported
 City,State,Zip: HENDERSON, KY
 Facility Status: Env. Closed
 Incident Type: FACILITY SPILL
 Program Code: 04
 Received By Staff: Bowen, Bill
 Received Date: 01/11/2004
 Report Date: 2004-01-11 18:03:00
 Dispatch Description: Caller reported a spill of crude oil.
 Source Name: Floyd Williams Oil Inc.
 Source Address: Directly behind the Allgood Lease tank battery, 0.2 miles down Meahl-Cates Road from the intersection with Hwy 1922.
 Substances: Crude Oil:
 Other Substances Desc: Not reported
 Media Impacted: Env Protection
 Inc ID: 176045
 Lead Invest Person ID: 9458
 Compliance: No
 Notification: Yes
 Priority: Routine
 Incident End Date: Not reported
 Follow Up Priority Desc: Routine
 Most Recent Comp Eval Activity: Not reported
 Most Recent ENF Activity: Not reported
 Begin Emergency Date: Not reported
 End Emergency Date: Not reported
 MARS Function Code: Not reported
 Locked: No
 Closure Type Desc: Env. Closed-Managed/Restored
 Latitude: 37.71513
 Longitude: -87.58724

2
Target
Property

CHERRY HILL UNIT
CHERRY HILL RD
ROBARDS, KY 42452

FINDS 1015854326
N/A

Actual:
405 ft.
Focus Map:
15

FINDS:

Registry ID: 110045240137

Click Here:

Environmental Interest/Information System:
 STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

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

3	AT & T	FINDS	1016269711
Target	HWY 283, 3.7 MI W OF HWY 416	ECHO	N/A
Property	ROBARDS, KY 42452		

FINDS:
 Registry ID: 110008367178

Actual:
420 ft. Click Here:

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
 Envid: 1016269711
 Registry ID: 110008367178
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110008367178>
 Name: AT & T
 Address: HWY 283, 3.7 MI W OF HWY 416
 City,State,Zip: ROBARDS, KY 42452

4	THORTON WALKER # 1	FINDS	1015854277
Target	SR 416		N/A
Property	ROBERDS, KY 42452		

FINDS:
 Registry ID: 110045225341

Actual:
422 ft. Click Here:

Focus Map: Environmental Interest/Information System:
20 STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A5	AT & T	RCRA NonGen / NLR	1000863967
SSW	HWY 283, 3.7 MI W OF HWY 416		KYD985115724
< 1/8	ROBARDS, KY 42452		
0.005 mi.			
24 ft.	Site 1 of 2 in cluster A		

Actual: RCRA NonGen / NLR:
429 ft. Date form received by agency: 1994-07-11 00:00:00.0

Focus Map: Facility name: AT & T
21 Facility address: HWY 283, 3.7 MI W OF HWY 416
 ROBARDS, KY 42452
 EPA ID: KYD985115724
 Mailing address: WEST MONROE STREET
 SUITE 1004
 CHICAGO, IL 60606
 Contact: PROMILA LAL
 Contact address: 227 WEST MONROE STREET SUITE 1004
 CHICAGO, IL 60606

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

AT & T (Continued)

1000863967

Contact country: US
 Contact telephone: 312-230-5239
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: A T & T
 Owner/operator address: 227 W. MONROE ST, SUITE 1004
 CHICAGO, IL 60606
 Owner/operator country: Not reported
 Owner/operator telephone: 312-230-5239
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

. Waste code: NONE
 . Waste name: None

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 1996-07-11 00:00:00.0
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A6 **ROBARDS L331360**
East **KY 283**
< 1/8 **ROBARDS, KY 42452**
0.008 mi.
41 ft. **Site 2 of 2 in cluster A**

UST **U000809988**
N/A

Actual:
429 ft.

UST:

Focus Map:
21

Name: ROBARDS L331360
 Address: KY 283
 City,State,Zip: ROBARDS, KY 42452
 Sequence Id: 6742051
 Facility ID: 69278
 Owner Name: AT&T Corp
 Owner Address: 308 S Akard Rm 1700
 Owner Address2: Not reported
 Owner Address3: Not reported
 Owner City,St,Zip: Dallas, TX 75202
 Internal Document ID: 0
 Latitude: 37.662456
 Longitude: -87.55904

Inert Material Code: Not reported
 Removed Date: 02/10/1992
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: UNK
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: UNK
 Pipe Rel Detect Suc Code: UNK
 Pipe Leak Detect Code: NA
 Last Contained Date: Not reported
 Pipe Mfg Code: Not reported
 Last Pipe Test Date: Not reported
 Last CP Test Date: Not reported
 Added To Flex Date: Not reported
 Added To Piping Date: Not reported
 Decode For Tstatus: Removed Tank Verified
 Decode For Inertmatcd: Not reported
 Decode For Tmatcode: Single Wall Steel
 Decode For Textcrprd: Unknown
 Decode For Treldetcod: None
 Decode For Tintprotcd: Unknown
 Decode For Tsplprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel
 Decode For Pextcoprcd: Unknown
 Decode For Ptypecode: Unknown
 Decode For Preldetcod: Unknown
 Decode For Preldetsuc: Unknown
 Decode For Plekdetcod: Not Applicable
 Decode For Tsubcd: Diesel
 Decode For Tmancd: Not reported
 Decode For Pmancd: Not reported
 Subject Item ID: 1
 Tank Status: TRM
 Installation Date: 01/01/1968

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROBARDS L331360 (Continued)

U000809988

Closed In Place Date: Not reported
 Capacity in Gallons: 3000
 Compartment Number: 1
 Piping Installation Date: Not reported
 Added To Tank Date: Not reported

7
SSE
1/8-1/4
0.146 mi.
769 ft.

B & C WAST TIRE MANAGEMENT
1228 2ND ST
ROBARDS, KY 42452

SWF/LF **S107602091**
N/A

Actual:
427 ft.
Focus Map:
22

LF:

Name: B & C WAST TIRE MANAGEMENT
 Address: 1228 2ND ST
 City,State,Zip: ROBARDS, KY 42452
 Facility ID: 43363
 Status: Terminated
 Permit Number: 05100016-1
 SI ID: ACTV0000000002
 SI Designation: 05100016-1
 AI Name: B & C Wast Tire Management
 Rel Entity ID: Not reported
 Facility Type: Transfer Station Solid Waste-SW-RPBR
 Latitude: 37.67250000
 Longitude: -87.54833300
 Permittee city/state/zip: ROBARDS, KY 42452
 Permit expired date: Not reported
 Related Entity Name: Not reported
 Related Entity Address1: Not reported
 Related Entity Address2: Not reported
 Related Entity Municipality: Not reported
 Related Entity State: Not reported
 Related Entity Zip: Not reported
 Related Entity Type: Not reported
 SI Description: TRANSFER STATION-APPLICATION WITHDRAWN
 Date Last Site Insp.: Not reported
 Last Inspector: Not reported

Name: B & C WAST TIRE MANAGEMENT
 Address: 1228 2ND ST
 City,State,Zip: ROBARDS, KY 42452
 Facility ID: 43363
 Status: Terminated
 Permit Number: 05100013-1
 SI ID: ACTV0000000001
 SI Designation: 05100013-1
 AI Name: B & C Wast Tire Management
 Rel Entity ID: Not reported
 Facility Type: Transfer Station Solid Waste-SW-RPBR
 Latitude: 37.67250000
 Longitude: -87.54833300
 Permittee city/state/zip: ROBARDS, KY 42452
 Permit expired date: Not reported
 Related Entity Name: Not reported
 Related Entity Address1: Not reported
 Related Entity Address2: Not reported
 Related Entity Municipality: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

B & C WAST TIRE MANAGEMENT (Continued)

S107602091

Related Entity State: Not reported
 Related Entity Zip: Not reported
 Related Entity Type: Not reported
 SI Description: TRANSFER STATION-ACTIVITY REVOKED
 Date Last Site Insp.: Not reported
 Last Inspector: Not reported

B8 **KEY OIL COMPANY**
SSE **HWY 42**
1/8-1/4 **PENDLETON, KY 40055**
0.164 mi.
868 ft. **Site 1 of 2 in cluster B**

UST **U001181702**
N/A

Actual: **UST:**
426 ft. Name: KEY OIL COMPANY
Focus Map: Address: HWY 42
22 City,State,Zip: PENDLETON, KY 40055
 Sequence Id: 3105052
 Facility ID: 67788
 Owner Name: Keystops LLC
 Owner Address: 376 Reasonover Ave
 Owner Address2: PO Box 2809
 Owner Address3: Not reported
 Owner City,St,Zip: Franklin, KY 42135
 Internal Document ID: 0
 Latitude: Not reported
 Longitude: Not reported

Inert Material Code: Not reported
 Removed Date: 02/19/1992
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: UNK
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: UNK
 Pipe Rel Detect Suc Code: UNK
 Pipe Leak Detect Code: NA
 Last Contained Date: Not reported
 Pipe Mfg Code: Not reported
 Last Pipe Test Date: Not reported
 Last CP Test Date: Not reported
 Added To Flex Date: Not reported
 Added To Piping Date: Not reported
 Decode For Tstatus: Removed Tank Verified
 Decode For Inertmatcd: Not reported
 Decode For Tmatcode: Single Wall Steel
 Decode For Textcrpcd: Unknown
 Decode For Treldecod: None
 Decode For Tintprotcd: Not Applicable
 Decode For TspIprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel
 Decode For Pextcoprcd: None
 Decode For Ptypecode: Unknown
 Decode For Preldecod: Unknown

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KEY OIL COMPANY (Continued)

U001181702

Decode For Preadetsuc:	Unknown
Decode For Plekdetcod:	Not Applicable
Decode For Tsubcd:	Diesel
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	4
Tank Status:	TRM
Installation Date:	01/01/1982
Closed In Place Date:	Not reported
Capacity in Gallons:	8000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	02/18/1992
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	UNK
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrpcd:	Unknown
Decode For Treldecod:	None
Decode For Tintprotcd:	Not Applicable
Decode For Tsplprevcd:	Unknown
Decode For Tovflprvcd:	Unknown
Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	None
Decode For Ptypecode:	Unknown
Decode For Preadetcod:	Unknown
Decode For Preadetsuc:	Unknown
Decode For Plekdetcod:	Not Applicable
Decode For Tsubcd:	Gasoline
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	3
Tank Status:	TRM
Installation Date:	01/01/1982
Closed In Place Date:	Not reported
Capacity in Gallons:	8000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KEY OIL COMPANY (Continued)

U001181702

Inert Material Code: Not reported
 Removed Date: 02/18/1992
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: UNK
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: UNK
 Pipe Rel Detect Suc Code: UNK
 Pipe Leak Detect Code: NA
 Last Contained Date: Not reported
 Pipe Mfg Code: Not reported
 Last Pipe Test Date: Not reported
 Last CP Test Date: Not reported
 Added To Flex Date: Not reported
 Added To Piping Date: Not reported
 Decode For Tstatus: Removed Tank Verified
 Decode For Inertmatcd: Not reported
 Decode For Tmatcode: Single Wall Steel
 Decode For Textcrprcd: Unknown
 Decode For Treltdetcd: None
 Decode For Tintprotcd: Unknown
 Decode For Tsplprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel
 Decode For Pextcoprcd: None
 Decode For Ptypecode: Unknown
 Decode For Preltdetcd: Unknown
 Decode For Preltdetsuc: Unknown
 Decode For Plekdetcd: Not Applicable
 Decode For Tsubcd: Gasoline
 Decode For Tmancd: Not reported
 Decode For Pmancd: Not reported
 Subject Item ID: 2
 Tank Status: TRM
 Installation Date: 01/01/1982
 Closed In Place Date: Not reported
 Capacity in Gallons: 8000
 Compartment Number: 1
 Piping Installation Date: Not reported
 Added To Tank Date: Not reported

Inert Material Code: Not reported
 Removed Date: 02/18/1992
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: UNK
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: UNK
 Pipe Rel Detect Suc Code: UNK
 Pipe Leak Detect Code: NA
 Last Contained Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

KEY OIL COMPANY (Continued)

U001181702

Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprd:	Unknown
Decode For Treldetcod:	None
Decode For Tintprotcd:	Unknown
Decode For Tsplprevcd:	Unknown
Decode For Tovflprvcd:	Unknown
Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	None
Decode For Ptypecode:	Unknown
Decode For Preldetcod:	Unknown
Decode For Preldetsuc:	Unknown
Decode For Plekdetcod:	Not Applicable
Decode For Tsubcd:	Gasoline
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	1
Tank Status:	TRM
Installation Date:	01/01/1982
Closed In Place Date:	Not reported
Capacity in Gallons:	8000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	02/19/1992
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	UNK
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprd:	Unknown
Decode For Treldetcod:	None
Decode For Tintprotcd:	Unknown
Decode For Tsplprevcd:	Unknown
Decode For Tovflprvcd:	Unknown

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KEY OIL COMPANY (Continued)

U001181702

Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	None
Decode For Ptypecode:	Unknown
Decode For Preldetcod:	Unknown
Decode For Preldetsuc:	Unknown
Decode For Plekdetcod:	Not Applicable
Decode For Tsubcd:	Diesel
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	5
Tank Status:	TRM
Installation Date:	01/01/1982
Closed In Place Date:	Not reported
Capacity in Gallons:	8000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	02/21/1992
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	UNK
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprcd:	Unknown
Decode For Treldetcod:	None
Decode For Tintprotcd:	Unknown
Decode For Tsplprevcd:	Unknown
Decode For Tovflprvcd:	Unknown
Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	None
Decode For Ptypecode:	Unknown
Decode For Preldetcod:	Unknown
Decode For Preldetsuc:	Unknown
Decode For Plekdetcod:	Not Applicable
Decode For Tsubcd:	Diesel
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	9
Tank Status:	TRM
Installation Date:	01/01/1982
Closed In Place Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KEY OIL COMPANY (Continued)

U001181702

Capacity in Gallons:	4000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	02/21/1992
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	UNK
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprd:	Unknown
Decode For Treltcd:	None
Decode For Tintprotcd:	Unknown
Decode For Tsplprevcd:	Unknown
Decode For Tovflprvcd:	Unknown
Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	None
Decode For Ptypecode:	Unknown
Decode For Preltcd:	Unknown
Decode For Preltcsuc:	Unknown
Decode For Plekdetcd:	Not Applicable
Decode For Tsubcd:	Kerosene
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	8
Tank Status:	TRM
Installation Date:	01/01/1982
Closed In Place Date:	Not reported
Capacity in Gallons:	6000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	02/20/1992
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KEY OIL COMPANY (Continued)

U001181702

Lining Insp Date:	Not reported
Pipe Release Detection:	UNK
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprd:	Unknown
Decode For Treldetcd:	None
Decode For Tintprotcd:	Unknown
Decode For Tsplprevcd:	Unknown
Decode For Tovflprvcd:	Unknown
Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	None
Decode For Ptypecode:	Unknown
Decode For Preldetcd:	Unknown
Decode For Preldetsuc:	Unknown
Decode For Plekdetcd:	Not Applicable
Decode For Tsubcd:	Kerosene
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	7
Tank Status:	TRM
Installation Date:	01/01/1982
Closed In Place Date:	Not reported
Capacity in Gallons:	6000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	02/20/1992
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	UNK
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

KEY OIL COMPANY (Continued)

U001181702

Decode For Textcrpcd: Unknown
 Decode For Tredetcod: None
 Decode For Tintprotcd: Unknown
 Decode For Tsplprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel
 Decode For Pextcoprcd: None
 Decode For Ptypecode: Unknown
 Decode For Preldetcod: Unknown
 Decode For Preldetsuc: Unknown
 Decode For Plekdetcod: Not Applicable
 Decode For Tsubcd: Diesel
 Decode For Tmancd: Not reported
 Decode For Pmancd: Not reported
 Subject Item ID: 6
 Tank Status: TRM
 Installation Date: 01/01/1982
 Closed In Place Date: Not reported
 Capacity in Gallons: 8000
 Compartment Number: 1
 Piping Installation Date: Not reported
 Added To Tank Date: Not reported

9
 South
 1/8-1/4
 0.171 mi.
 901 ft.

TRI COUNTY TRANSMISSION
8892 WN ROYSTER RD
ROBARDS, KY 42452

EDR Hist Auto 1021466557
N/A

Actual: EDR Hist Auto
421 ft.

Focus Map: Year: Name: Type:
26 2001 TRI COUNTY TRANSMISSION Automotive Transmission Repair Shops

B10
SSE
 1/8-1/4
 0.172 mi.
 908 ft.

HYDES GROCERY INC
7975 KY 416
HENDERSON, KY 42452

PSTEAF U003071066
SB193 N/A
UST

Site 2 of 2 in cluster B

Actual: PSTEAF:
425 ft. Name: HYDES GROCERY INC
Focus Map: Address: 7975 KY 416
22 City,State,Zip: HENDERSON, KY 42452
 Facility Id: 61169
 Al Number: 61169
 UST Id Number: 2144051
 Rank: 2
 Financial Account: PSTA
 Project Manager: Anderson

KY SENATE BILL 193 INVENTORY:
 KY SENATE BILL 193 INVENTORY: SIW
 Facility ID: 2144051
 Soil / Groundwater: Soil and Groundwater
 Agency Interest Number: 61169

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HYDES GROCERY INC (Continued)

U003071066

UST:

Name: HYDES GROCERY INC
 Address: 7975 KY 416
 City,State,Zip: HENDERSON, KY 42452
 Sequence Id: 2144051
 Facility ID: 61169
 Owner Name: Hydes Grocery Inc
 Owner Address: 5776 S Pleasant Valley Rd
 Owner Address2: Not reported
 Owner Address3: Not reported
 Owner City,St,Zip: Robards, KY 42452
 Internal Document ID: 0
 Latitude: 37.674123
 Longitude: -87.547442

Inert Material Code: Not reported
 Removed Date: 11/12/2013
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: FLR
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: NON
 Pipe Rel Detect Suc Code: CKV
 Pipe Leak Detect Code: NA
 Last Contained Date: 9/1/1998 12:00:00 AM
 Pipe Mfg Code: Not reported
 Last Pipe Test Date: Not reported
 Last CP Test Date: Not reported
 Added To Flex Date: Not reported
 Added To Piping Date: Not reported
 Decode For Tstatus: Removed Tank Verified
 Decode For Inertmatcd: Not reported
 Decode For Tmatcode: Single Wall Steel
 Decode For Textcrprd: Coating & Cathodic Protection
 Decode For Treltdetcod: Manual Tank Gauging
 Decode For Tintprotcd: Not Applicable
 Decode For Tsplprevcd: Single Wall Spill Bucket
 Decode For Tovflprvcd: Flow Restrictor
 Decode For Pmatcode: Fiberglass Reinforced Plastic
 Decode For Pextcoprcd: Not Applicable
 Decode For Ptypecode: Suction
 Decode For Preldetcod: None
 Decode For Preldetsuc: Check Valve
 Decode For Plekdetcod: Not Applicable
 Decode For Tsubcd: GAS-UNL-Reg Unl Gas
 Decode For Tmancd: Not reported
 Decode For Pmancd: Not reported
 Subject Item ID: 4
 Tank Status: TRM
 Installation Date: 07/07/1997
 Closed In Place Date: 09/01/1998
 Capacity in Gallons: 550
 Compartment Number: 1
 Piping Installation Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HYDES GROCERY INC (Continued)

U003071066

Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	11/12/2013
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	FLR
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	NON
Pipe Rel Detect Suc Code:	CKV
Pipe Leak Detect Code:	NA
Last Contained Date:	9/1/1998 12:00:00 AM
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrpcd:	Coating & Cathodic Protection
Decode For Treltdetcd:	Manual Tank Gauging
Decode For Tintprotcd:	Not Applicable
Decode For Tsplprevcd:	Single Wall Spill Bucket
Decode For Tovflprvcd:	Flow Restrictor
Decode For Pmatcode:	Fiberglass Reinforced Plastic
Decode For Pextcoprcd:	Not Applicable
Decode For Ptypecode:	Suction
Decode For Preltdetcd:	None
Decode For Preltdetsuc:	Check Valve
Decode For Plekdetcd:	Not Applicable
Decode For Tsubcd:	GAS-UNL-Reg Unl Gas
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	3
Tank Status:	TRM
Installation Date:	07/07/1997
Closed In Place Date:	09/01/1998
Capacity in Gallons:	1000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	02/23/1997
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	ALT

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HYDES GROCERY INC (Continued)

U003071066

Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprd:	Not Applicable
Decode For Treltdcod:	Manual Tank Gauging
Decode For Tintprotcd:	Interior Lining
Decode For Tsplprevcd:	Single Wall Spill Bucket
Decode For Tovflprvcd:	Unknown
Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	Other Please Specify
Decode For Ptypecode:	Suction
Decode For Preldetcod:	Line Tightness Test
Decode For Preldetsuc:	Annual Release Testing (historic)
Decode For Plekdetcod:	Not Applicable
Decode For Tsubcd:	Gasoline
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	2
Tank Status:	TRM
Installation Date:	01/01/1968
Closed In Place Date:	Not reported
Capacity in Gallons:	1000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	02/23/1997
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	ALT
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprd:	Unknown
Decode For Treltdcod:	Manual Tank Gauging
Decode For Tintprotcd:	Not Applicable

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HYDES GROCERY INC (Continued)

U003071066

Decode For Tsplprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel
 Decode For Pextcoprcd: Other Please Specify
 Decode For Ptypecode: Suction
 Decode For Preditcod: Line Tightness Test
 Decode For Preditdetsuc: Annual Release Testing (historic)
 Decode For Plekdetsuc: Not Applicable
 Decode For Tsubcd: Gasoline
 Decode For Tmancd: Not reported
 Decode For Pmancd: Not reported
 Subject Item ID: 1
 Tank Status: TRM
 Installation Date: 01/01/1968
 Closed In Place Date: Not reported
 Capacity in Gallons: 1000
 Compartment Number: 1
 Piping Installation Date: Not reported
 Added To Tank Date: Not reported

11
 SSE
 1/8-1/4
 0.172 mi.
 909 ft.

ROBARDS ELEMENTARY SCHOOL
8253 KY 416 W
ROBARDS, KY 42452

UST U001442551
N/A

Actual:
429 ft.
Focus Map:
22

UST:
 Name: ROBARDS ELEMENTARY SCHOOL
 Address: 8253 KY 416 W
 City,State,Zip: ROBARDS, KY 42452
 Sequence Id: 966051
 Facility ID: 61158
 Owner Name: Henderson Co Board Of Education
 Owner Address: 5704 Airline Rd
 Owner Address2: Not reported
 Owner Address3: Not reported
 Owner City,St,Zip: Henderson, KY 42420
 Internal Document ID: 0
 Latitude: 37.673674
 Longitude: -87.553696

Inert Material Code: Not reported
 Removed Date: 12/15/1997
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: UNK
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: CKV
 Pipe Rel Detect Suc Code: CKV
 Pipe Leak Detect Code: NA
 Last Contained Date: Not reported
 Pipe Mfg Code: Not reported
 Last Pipe Test Date: Not reported
 Last CP Test Date: Not reported
 Added To Flex Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

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

ROBARDS ELEMENTARY SCHOOL (Continued)

U001442551

Added To Piping Date: Not reported
 Decode For Tstatus: Removed Tank Verified
 Decode For Inertmatcd: Not reported
 Decode For Tmatcode: Single Wall Steel
 Decode For Textcrprd: None
 Decode For Treldetcod: None
 Decode For Tintprotcd: Not Applicable
 Decode For Tsplprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel
 Decode For Pextcoprpd: None
 Decode For Ptypecode: Suction
 Decode For Preldetcod: Check Valve
 Decode For Preldetsuc: Check Valve
 Decode For Plekdetcod: Not Applicable
 Decode For Tsubcd: Diesel
 Decode For Tmancd: Not reported
 Decode For Pmancd: Not reported
 Subject Item ID: 1
 Tank Status: TRM
 Installation Date: 01/01/1977
 Closed In Place Date: 06/11/1997
 Capacity in Gallons: 500
 Compartment Number: 1
 Piping Installation Date: Not reported
 Added To Tank Date: Not reported

12 **BUSBYS BODY SHOP**
ESE **8028 KY 416 W**
1/4-1/2 **ROBARDS, KY 42452**
0.293 mi.
1545 ft.

UST **U003952246**
N/A

Actual: **UST:**
462 ft. Name: BUSBYS BODY SHOP
Focus Map: Address: 8028 KY 416 W
22 City,State,Zip: ROBARDS, KY 42452
 Sequence Id: 20150118
 Facility ID: 70148
 Owner Name: Bernard Busby
 Owner Address: PO Box 427
 Owner Address2: Not reported
 Owner Address3: Not reported
 Owner City,St,Zip: Robards, KY 42452
 Internal Document ID: 0
 Latitude: 37.673648
 Longitude: -87.548637

 Inert Material Code: Not reported
 Removed Date: Not reported
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: UNK
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: NON

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BUSBYS BODY SHOP (Continued)

U003952246

Pipe Rel Detect Suc Code: NON
 Pipe Leak Detect Code: NA
 Last Contained Date: 1/1/1983 12:00:00 AM
 Pipe Mfg Code: Not reported
 Last Pipe Test Date: Not reported
 Last CP Test Date: Not reported
 Added To Flex Date: Not reported
 Added To Piping Date: Not reported
 Decode For Tstatus: Removed Prior to 1988
 Decode For Inertmatcd: Not reported
 Decode For Tmatcode: Single Wall Steel
 Decode For Textcrpcd: Unknown
 Decode For Treltcd: None
 Decode For Tintprotcd: Unknown
 Decode For Tsplprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel
 Decode For Pextcoprcd: None
 Decode For Ptypecode: Suction
 Decode For Preltcd: None
 Decode For Preltetsuc: None
 Decode For Plekdetcd: Not Applicable
 Decode For Tsubcd: Gasoline
 Decode For Tmancd: Not reported
 Decode For Pmancd: Not reported
 Subject Item ID: 2
 Tank Status: TR8
 Installation Date: 01/01/1901
 Closed In Place Date: 01/01/1983
 Capacity in Gallons: 560
 Compartment Number: 1
 Piping Installation Date: Not reported
 Added To Tank Date: Not reported

Inert Material Code: Not reported
 Removed Date: Not reported
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: UNK
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: NON
 Pipe Rel Detect Suc Code: NON
 Pipe Leak Detect Code: NA
 Last Contained Date: 1/1/1983 12:00:00 AM
 Pipe Mfg Code: Not reported
 Last Pipe Test Date: Not reported
 Last CP Test Date: Not reported
 Added To Flex Date: Not reported
 Added To Piping Date: Not reported
 Decode For Tstatus: Removed Prior to 1988
 Decode For Inertmatcd: Not reported
 Decode For Tmatcode: Single Wall Steel
 Decode For Textcrpcd: Unknown
 Decode For Treltcd: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

BUSBYS BODY SHOP (Continued)

U003952246

Decode For Tintprotcd: Unknown
 Decode For Tsplprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel
 Decode For Pextcoprcd: None
 Decode For Ptypecode: Suction
 Decode For Preldetcod: None
 Decode For Preldetsuc: None
 Decode For Plekdetcod: Not Applicable
 Decode For Tsubcd: Gasoline
 Decode For Tmancd: Not reported
 Decode For Pmancd: Not reported
 Subject Item ID: 1
 Tank Status: TR8
 Installation Date: 01/01/1901
 Closed In Place Date: 01/01/1983
 Capacity in Gallons: 560
 Compartment Number: 1
 Piping Installation Date: Not reported
 Added To Tank Date: Not reported

13
 NE
 1/2-1
 0.615 mi.
 3249 ft.

DENNIS JONES PROPERTY - PITTSBURG TANK & TOWER
13021 HIGHWAY 41 SOUTH
ROBARDS, KY 42452

SHWS S106885179
N/A

Actual:
436 ft.
Focus Map:
11

SHWS:
 Name: DENNIS JONES PROPERTY - PITTSBURG TANK & TOWER
 Address: 13021 HIGHWAY 41 SOUTH
 City,State,Zip: ROBARDS, KY 424529701
 Facility Id: 53250
Status: Closed
 Description: DENNIS JONES PROPERTY/PITTSBURG TANK AND TOWER (Closed: Restored)
 Closure Date: 09/20/1999
 Longitude: -87.533496
 Latitude: 37.731351
 Subject Item County: Henderson
 Sub Item Longitude: -87.533496
 Sub Item Latitude: 37.731350
 Subject Item Address: 13021 US 41 S
 Subject Item Address2: Not reported
 Subject Item City,St,Zip: Robards, KY 424529701
 Regulatory Desc: State Superfund
 Closure Option: Option C Restored
 Side SG: 51201

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C14 **NORTH-SOUTH TRUCK STOP**
ESE **14260 U S 41 S**
> 1 **ROBARDS, KY 42452**
1.118 mi.
5902 ft. **Site 1 of 3 in cluster C**

EDR Hist Auto **1021576289**
N/A

Actual: EDR Hist Auto
421 ft.

Focus Map: 23	Year:	Name:	Type:
	1989	NORTH-SOUTH TRUCK STOP	Family Restaurants
	1990	NORTH-SOUTH TRUCK STOP	Family Restaurants
	1991	NORTH-SOUTH TRUCK STOP	Family Restaurants
	1992	NORTH-SOUTH TRUCK STOP	Family Restaurants
	1993	NORTH-SOUTH TRUCK STOP	Family Restaurants
	1997	NORTH-SOUTH TRUCK STOP	Family Restaurants
	1998	NORTH-SOUTH TRUCK STOP	Family Restaurants
	1999	NORTH-SOUTH TRUCK STOP	Family Restaurants
	2000	NORTH-SOUTH TRUCK STOP	Family Restaurants

C15 **NORTH SOUTH TRUCK STOP**
ESE **14260 US 41 S**
> 1 **ROBARDS, KY 42452**
1.118 mi.
5902 ft. **Site 2 of 3 in cluster C**

UST **U003990942**
N/A

Actual: UST:
421 ft. **Name:** NORTH SOUTH TRUCK STOP

Focus Map: **Address:** 14260 US 41 S
23 **City,State,Zip:** ROBARDS, KY 42452
 Sequence Id: 6621051
 Facility ID: 61182
 Owner Name: Esther Frederick
 Owner Address: 6602 Hwy 416
 Owner Address2: Not reported
 Owner Address3: Not reported
 Owner City,St,Zip: Robards, KY 42452
 Internal Document ID: 0
 Latitude: 37.717038
 Longitude: -87.526982

Inert Material Code: Not reported
Removed Date: 09/25/2009
Change in Service Date: Not reported
Tank Pit Num: Not reported
Tank Mfg Code: Not reported
Tank Overfill Protection: ASD
Last Tank Test Date: Not reported
Relined Date: 02/10/1999
Lining Insp Date: Not reported
Pipe Release Detection: NON
Pipe Rel Detect Suc Code: CKV
Pipe Leak Detect Code: NA
Last Contained Date: 12/31/2007 12:00:00 AM
Pipe Mfg Code: FRP
Last Pipe Test Date: Not reported
Last CP Test Date: Not reported
Added To Flex Date: Not reported
Added To Piping Date: Not reported
Decode For Tstatus: Removed Tank Verified
Decode For Inertmatcd: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NORTH SOUTH TRUCK STOP (Continued)

U003990942

Decode For Tmatcode:	Single Wall Steel
Decode For Textcrpcd:	Not Applicable
Decode For Treltdetcod:	Daily Inventory Rec Tank Tightness
Decode For Tintprotcd:	Interior Lining
Decode For Tsplprevcd:	Single Wall Spill Bucket
Decode For Tovflprvcd:	Automatic Shutoff Device
Decode For Pmatcode:	Fiberglass Reinforced Plastic
Decode For Pextcoprcd:	Not Applicable
Decode For Ptypecode:	Suction
Decode For Preltdetcod:	None
Decode For Preltdetsuc:	Check Valve
Decode For Plekdtdetcod:	Not Applicable
Decode For Tsubcd:	Diesel
Decode For Tmancd:	Not reported
Decode For Pmancd:	Fiberglass Manufacturer Unknown
Subject Item ID:	3
Tank Status:	TRM
Installation Date:	01/01/1976
Closed In Place Date:	01/01/2008
Capacity in Gallons:	4000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	09/25/2009
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	ASD
Last Tank Test Date:	Not reported
Relined Date:	02/10/1999
Lining Insp Date:	Not reported
Pipe Release Detection:	ALD
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	MLD
Last Contained Date:	12/31/2007 12:00:00 AM
Pipe Mfg Code:	FRP
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrpcd:	Not Applicable
Decode For Treltdetcod:	Daily Inventory Rec Tank Tightness
Decode For Tintprotcd:	Interior Lining
Decode For Tsplprevcd:	Single Wall Spill Bucket
Decode For Tovflprvcd:	Automatic Shutoff Device
Decode For Pmatcode:	Fiberglass Reinforced Plastic
Decode For Pextcoprcd:	Not Applicable
Decode For Ptypecode:	Pressurized
Decode For Preltdetcod:	Automatic Line Leak Detector
Decode For Preltdetsuc:	None
Decode For Plekdtdetcod:	Manual Line Leak Detection
Decode For Tsubcd:	GAS-PRM-Prem Unl Gas

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

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

NORTH SOUTH TRUCK STOP (Continued)

U003990942

Decode For Tmancd:	Not reported
Decode For Pmancd:	Fiberglass Manufacturer Unknown
Subject Item ID:	2
Tank Status:	TRM
Installation Date:	01/01/1976
Closed In Place Date:	01/01/2008
Capacity in Gallons:	4000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	09/25/2009
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	ASD
Last Tank Test Date:	Not reported
Relined Date:	02/10/1999
Lining Insp Date:	Not reported
Pipe Release Detection:	NON
Pipe Rel Detect Suc Code:	CKV
Pipe Leak Detect Code:	NA
Last Contained Date:	12/31/2007 12:00:00 AM
Pipe Mfg Code:	FRP
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprd:	Not Applicable
Decode For Treltdetcd:	Daily Inventory Rec Tank Tightness
Decode For Tintprotcd:	Interior Lining
Decode For Tsplprevcd:	Single Wall Spill Bucket
Decode For Tovflprvcd:	Automatic Shutoff Device
Decode For Pmatcode:	Fiberglass Reinforced Plastic
Decode For Pextcoprcd:	Not Applicable
Decode For Ptypecode:	Suction
Decode For Preldetcd:	None
Decode For Preldetsuc:	Check Valve
Decode For Plekdetcd:	Not Applicable
Decode For Tsubcd:	GAS-UNL-Reg Unl Gas
Decode For Tmancd:	Not reported
Decode For Pmancd:	Fiberglass Manufacturer Unknown
Subject Item ID:	1
Tank Status:	TRM
Installation Date:	01/01/1976
Closed In Place Date:	01/01/2008
Capacity in Gallons:	4000
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C16 **NORTH-SOUTH TRUCK STOP**
ESE **14260 US HIGHWAY 41 S**
> 1 **ROBARDS, KY 42452**
1.118 mi.
5902 ft. **Site 3 of 3 in cluster C**

EDR Hist Auto **1021465466**
N/A

Actual: EDR Hist Auto
421 ft.

Focus Map: 23	Year:	Name:	Type:	
		1994	NORTH-SOUTH TRUCK STOP	Family Restaurants
		1995	NORTH-SOUTH TRUCK STOP	Family Restaurants
		1996	NORTH-SOUTH TRUCK STOP	Family Restaurants
		2001	NORTH-SOUTH TRUCK STOP	Family Restaurants
		2002	NORTH-SOUTH TRUCK STOP	Family Restaurants
	2003	NORTH-SOUTH TRUCK STOP	Family Restaurants	

17 **OROS & BUSCH-WAYNE FARM**
NNE **12743 US 41 S**
> 1 **ROBARDS, KY 42452**
1.130 mi.
5964 ft.

SWF/LF **S110352339**
N/A

Actual: LF:
433 ft.

Focus Map: Name: OROS & BUSCH-WAYNE FARM
10 Address: 12743 US 41 S
 City,State,Zip: ROBARDS, KY 42452
 Facility ID: 106455
 Status: Terminated
 Permit Number: 05100050
 SI ID: ACTV0000000001
 SI Designation: Beneficial Reuse-Special Waste-RPBR - Terminated
 AI Name: Oros & Busch-Wayne Farm
 Rel Entity ID: 26331
 Facility Type: Beneficial Reuse-Special Waste-RPBR
 Latitude: 37.72663600
 Longitude: -87.53223900
 Permittee city/state/zip: ROBARDS, KY 42452
 Permit expired date: 07/02/2034
 Related Entity Name: Oros & Busch Application Technologies Inc
 Related Entity Address1: PO Box 37
 Related Entity Address2: Not reported
 Related Entity Municipality: Defiance
 Related Entity State: MO
 Related Entity Zip: 63341
 Related Entity Type: O
 SI Description: SW: Beneficial Reuse-Special Waste-RPBR / Terminated
 Date Last Site Insp.: 10/16/2014
 Last Inspector: Mr. Larry Tichenor

MAP FINDINGS

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

18 SSE > 1 1.277 mi. 6740 ft.	AMG ALUMINUM NORTH AMERICA 3293 MCDONALD ROAD ROBARDS, KY 42452	RCRA-LQG TSCA TRIS	1000140132 42452KBLLYMCDON
---	--	---	---

Actual: 399 ft. **RCRA-LQG:**
 Date form received by agency: 2019-08-13 00:00:00.0

Focus Map: 28 Facility name: AMG ALUMINUM NORTH AMERICA, LLC.
 Facility address: 3293 MCDONALD ROAD
 ROBARDS, KY 42452

EPA ID: KYD000623009
 Mailing address: MCDONALD ROAD
 ROBARDS, KY 42452

Contact: RICHARD COCCO
 Contact address: MCDONALD ROAD
 ROBARDS, KY 42452

Contact country: US
 Contact telephone: 270-521-6681
 Contact email: Not reported
 EPA Region: 04
 Land type: Private
 Classification: Large Quantity Generator
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: AMG ADVANCED METALLURGICAL GROUP N.V.
 Owner/operator address: DEVON PARK DRIVE, BLDG. 200
 WAYNE, PA 19087

Owner/operator country: US
 Owner/operator telephone: 610-293-2501
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: 2011-02-17 00:00:00.
 Owner/Op end date: Not reported

Owner/operator name: AMG ALUMINUM NORTH AMERICA, LLC.
 Owner/operator address: Not reported
 Not reported

Owner/operator country: Not reported
 Owner/operator telephone: Not reported
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number	EPA ID Number
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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Owner/Operator Type: Operator
 Owner/Op start date: 1986-10-23 00:00:00.
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): Not reported
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 2018-10-04 00:00:00.0
 Site name: AMG ALUMINUM NORTH AMERICA, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2018-08-06 00:00:00.0
 Site name: AMG ALUMINUM NORTH AMERICA, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2017-08-02 00:00:00.0
 Site name: AMG ALUMINUM NORTH AMERICA, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2016-08-09 00:00:00.0
 Site name: AMG ALUMINUM NORTH AMERICA, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2016-03-01 00:00:00.0
 Site name: AMG ALUMINUM NORTH AMERICA, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2016-02-26 00:00:00.0
 Site name: AMG ALUMINUM NORTH AMERICA, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2015-08-05 00:00:00.0
 Site name: AMG ALUMINUM NORTH AMERICA, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2014-08-13 00:00:00.0
 Site name: AMG ALUMINUM NORTH AMERICA, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2014-02-25 00:00:00.0
 Site name: AMG ALUMINUM NORTH AMERICA, LLC.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Classification: Large Quantity Generator

Date form received by agency: 2013-08-14 00:00:00.0
 Site name: AMG ALUMINUM
 Classification: Large Quantity Generator

Date form received by agency: 2012-08-21 00:00:00.0
 Site name: KB ALLOYS, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2012-02-21 00:00:00.0
 Site name: KB ALLOYS, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2011-09-15 00:00:00.0
 Site name: KB ALLOYS, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2010-09-07 00:00:00.0
 Site name: KB ALLOYS, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2010-05-03 00:00:00.0
 Site name: KB ALLOYS, LLC.
 Classification: Large Quantity Generator

Date form received by agency: 2009-09-23 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2008-09-17 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2008-02-19 00:00:00.0
 Site name: KB ALLOYS, INC.
 Classification: Large Quantity Generator

Date form received by agency: 2007-09-13 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2006-09-18 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2006-01-01 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2005-09-19 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2004-09-16 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Map ID
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MAP FINDINGS

Site	Database(s)	EDR ID Number	EPA ID Number
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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Date form received by agency: 2004-01-01 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2003-09-16 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2002-10-31 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2002-05-14 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2001-10-02 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2000-11-27 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 2000-09-19 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 1999-09-20 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Date form received by agency: 1998-03-01 00:00:00.0
 Site name: KB ALLOYS INC
 Classification: Large Quantity Generator

Hazardous Waste Summary:

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D008
- . Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D005
 Waste name: BARIUM
 Amount (Lbs): 225275

Map ID
 Direction
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 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Facility Has Received Notices of Violations:

Regulation violated: Not reported
 Area of violation: State Statute or Regulation
 Date violation determined: 2016-02-03 00:00:00.0
 Date achieved compliance: 2016-03-01 00:00:00.0
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 2016-02-08 00:00:00.0
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: Not reported
 Area of violation: Used Oil - Generators
 Date violation determined: 2016-02-03 00:00:00.0
 Date achieved compliance: 2016-02-03 00:00:00.0
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 2016-02-08 00:00:00.0
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: SR - 35:180 4(1)
 Area of violation: Generators - Pre-transport
 Date violation determined: 2003-12-03 00:00:00.0
 Date achieved compliance: 2003-12-19 00:00:00.0
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 2003-12-04 00:00:00.0
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: SR - 32:030 5(1)d
 Area of violation: Generators - Pre-transport
 Date violation determined: 2002-07-24 00:00:00.0
 Date achieved compliance: 2002-08-16 00:00:00.0
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 2002-07-25 00:00:00.0
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Map ID
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MAP FINDINGS

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

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Regulation violated: SR - 32:040 1(4)
 Area of violation: Generators - Pre-transport
 Date violation determined: 2002-07-24 00:00:00.0
 Date achieved compliance: 2002-08-16 00:00:00.0
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 2002-07-25 00:00:00.0
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: SR - 32:030 sec 5 (3)(a)
 Area of violation: Generators - Pre-transport
 Date violation determined: 2000-09-07 00:00:00.0
 Date achieved compliance: 2000-10-11 00:00:00.0
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 2000-09-27 00:00:00.0
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: SR - 35:040 Sec 5
 Area of violation: Generators - Pre-transport
 Date violation determined: 2000-09-07 00:00:00.0
 Date achieved compliance: 2000-10-23 00:00:00.0
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 2000-09-27 00:00:00.0
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Regulation violated: SR - 35:040 SEC 3 (4)
 Area of violation: Generators - Pre-transport
 Date violation determined: 2000-09-07 00:00:00.0
 Date achieved compliance: 2000-10-23 00:00:00.0
 Violation lead agency: State
 Enforcement action: WRITTEN INFORMAL
 Enforcement action date: 2000-09-27 00:00:00.0
 Enf. disposition status: Not reported
 Enf. disp. status date: Not reported
 Enforcement lead agency: State
 Proposed penalty amount: Not reported
 Final penalty amount: Not reported
 Paid penalty amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Evaluation Action Summary:

Evaluation date: 2020-02-18 00:00:00.0
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 2019-10-22 00:00:00.0
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 2019-04-19 00:00:00.0
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 2018-03-12 00:00:00.0
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 2017-03-13 00:00:00.0
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 2016-03-25 00:00:00.0
 Evaluation: COMPLIANCE SCHEDULE EVALUATION
 Area of violation: State Statute or Regulation
 Date achieved compliance: 2016-03-01 00:00:00.0
 Evaluation lead agency: State

Evaluation date: 2016-02-24 00:00:00.0
 Evaluation: NON-FINANCIAL RECORD REVIEW
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

Evaluation date: 2016-02-03 00:00:00.0
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Used Oil - Generators
 Date achieved compliance: 2016-02-03 00:00:00.0
 Evaluation lead agency: State

Evaluation date: 2016-02-03 00:00:00.0
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: State Statute or Regulation
 Date achieved compliance: 2016-03-01 00:00:00.0
 Evaluation lead agency: State

Evaluation date: 2015-04-08 00:00:00.0
 Evaluation: NON-FINANCIAL RECORD REVIEW

Map ID
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MAP FINDINGS

Site Database(s) EDR ID Number
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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Area of violation: Date achieved compliance: Evaluation lead agency:	Not reported Not reported State
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	2014-03-05 00:00:00.0 NON-FINANCIAL RECORD REVIEW Not reported Not reported State
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	2013-03-13 00:00:00.0 NON-FINANCIAL RECORD REVIEW Not reported Not reported State
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	2012-06-06 00:00:00.0 COMPLIANCE EVALUATION INSPECTION ON-SITE Not reported Not reported State
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	2012-03-20 00:00:00.0 NON-FINANCIAL RECORD REVIEW Not reported Not reported State
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	2011-08-18 00:00:00.0 COMPLIANCE EVALUATION INSPECTION ON-SITE Not reported Not reported EPA
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	2011-08-18 00:00:00.0 COMPLIANCE EVALUATION INSPECTION ON-SITE Not reported Not reported State
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	2011-03-09 00:00:00.0 NON-FINANCIAL RECORD REVIEW Not reported Not reported State
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	2010-04-27 00:00:00.0 NON-FINANCIAL RECORD REVIEW Not reported Not reported State
Evaluation date: Evaluation: Area of violation: Date achieved compliance: Evaluation lead agency:	2009-05-19 00:00:00.0 NON-FINANCIAL RECORD REVIEW Not reported Not reported State

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MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Evaluation date:	2008-11-19 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	2008-04-11 00:00:00.0
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	2007-07-26 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	2007-06-28 00:00:00.0
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	2006-03-08 00:00:00.0
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	2005-02-24 00:00:00.0
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	2003-12-19 00:00:00.0
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	2003-12-03 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	2003-12-19 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	2002-08-16 00:00:00.0
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	2002-07-24 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport

Map ID
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MAP FINDINGS

EDR ID Number
 EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Date achieved compliance:	2002-08-16 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	2000-10-24 00:00:00.0
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	2000-09-07 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	2000-10-23 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	2000-09-07 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	2000-10-11 00:00:00.0
Evaluation lead agency:	State
Evaluation date:	1996-12-04 00:00:00.0
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

[Click this hyperlink](#) while viewing on your computer to access additional TSCA detail in the EDR Site Report.

Facility, Chemical, Releases and Other Waste Management Summary Information:

TRI ID:	42452KBLLYMCDON
Form Type:	Form A Certification Statement
Reporting year:	2018
Trade secret indicator:	NO
Sanitized indicator:	NO
Title of certifying official:	PLANT MANAGER RODNEY CARVER
Certifying officials signature indicator:	ELECTRONIC
Date signed:	2019-03-07
Name:	AMG ALUMINUM NA LLC
Address:	3293 MCDONALD RD
City,State,Zip:	ROBARDS, KY 42452
BIA code:	Not reported
Tribe name:	Not reported
Mailing name:	AMG ALUMINUM NA LLC
Mailing street:	3293 MCDONALD RD
Mailing province:	Not reported
Mailing City,State,Zip:	ROBARDS, KY 42452
Entire facility ind:	YES
Partial facility ind:	NO
Federal facility ind:	NO
Goco facility ind:	NO
Assigned fed facility flag:	NO
Public contact name:	RODNEY CARVER
Public contact phone and Ext:	2705216681
Public contact email:	RCARVER@AMG-AL.COM
Primary sic code:	Not reported
Sic code 2:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Sic code 3:	Not reported
Sic code 4:	Not reported
Sic code 5:	Not reported
Sic code 6:	Not reported
Naics origin:	Not reported
Primary naics code:	331524
Naics code 2:	Not reported
Naics code 3:	Not reported
Naics code 4:	Not reported
Naics code 5:	Not reported
Naics code 6:	Not reported
Latitude:	37.651111
Longitude:	-87.533333
D and B number A:	941335804
D and B number B:	Not reported
RCRA number A:	KYD000623009
RCRA number B:	Not reported
RCRA number C:	Not reported
RCRA number D:	Not reported
RCRA number E:	Not reported
RCRA number F:	Not reported
RCRA number G:	Not reported
RCRA number H:	Not reported
NPDES number A:	KYR004122
NPDES number B:	Not reported
NPDES number C:	Not reported
NPDES number D:	Not reported
NPDES number E:	Not reported
NPDES number F:	Not reported
NPDES number G:	Not reported
Parent company name:	AMG ADVANCED METALLURGICAL GROUP N.V.
Parent company D and B number:	175804590
Standardized parent company name:	AMG ADVANCED METALLURGICAL GROUP N V
Document control number:	1318216691042
TRI ID:	42452KBLLYMCDON
Cas number:	007439965
Chemical name:	MANGANESE
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	YES
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	Not reported
Fugitive air emissions - total release pounds:	Not reported
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	Not reported
Stack air emissions - release range code:	Not reported
Total stack air emissions:	0
Stack air emissions - basis of estimate:	Not reported
Total air emissions:	Not reported
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported

Map ID
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MAP FINDINGS

Site

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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	Not reported
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	Not reported
On-site ugrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	Not reported
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	Not reported
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	Not reported
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	Not reported
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	Not reported
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	Not reported
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	Not reported
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	Not reported
Total on-site releases:	Not reported
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0

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MAP FINDINGS

Site Database(s) EDR ID Number
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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not reported
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not reported
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not reported
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110056971077
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Chemical Activities and Uses:	
Cas number:	007439965

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Site Database(s) EDR ID Number
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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Document control number:		1318216691042
Chemical name:	MANGANESE	
Classification:		TRI
Unit of measure:		Pounds
Produce the chemical:		No
Import the chemical:		No
On-site use of the chemical:		No
Sale or distribution of the chemical:		No
As a byproduct:		No
As a manufactured impurity:		No
Used as a reactant:		No
P101 feedstocks:		Not reported
P102 raw materials:		Not reported
P103 intermediates:		Not reported
P104 initiators:		Not reported
P199 other:		Not reported
Added as a formulation component:		No
P201 additives:		Not reported
P202 dyes:		Not reported
P203 reaction diluents:		Not reported
P204 initiators:		Not reported
P205 solvents:		Not reported
P206 inhibitors:		Not reported
P207 emulsifiers:		Not reported
P208 surfactants:		Not reported
P209 lubricants:		Not reported
P210 flame retardants:		Not reported
P211 rheological modifiers:		Not reported
P299 other:		Not reported
Used as an article component:		No
Repackaging:		No
As a process impurity:		No
Processed / recycling:		No
Used as a chemical processing aid:		No
Z101 process solvents:		Not reported
Z102 catalysts:		Not reported
Z103 inhibitors:		Not reported
Z104 initiators:		Not reported
Z105 reaction terminators:		Not reported
Z106 solution buffers:		Not reported
Z199 other:		Not reported
Used as a manufacturing aid:		No
Z201 process lubricants:		Not reported
Z202 metalworking fluids:		Not reported
Z203 coolants:		Not reported
Z204 refrigerants:		Not reported
Z205 hydraulic fluids:		Not reported
Z299 other:		Not reported
Ancillary or other use:		No
Z301 cleaner:		Not reported
Z302 degreaser:		Not reported
Z303 lubricant:		Not reported
Z304 fuel:		Not reported
Z305 flame retardant:		Not reported
Z306 waste treatment:		Not reported
Z307 water treatment:		Not reported
Z308 construction materials:		Not reported

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AMG ALUMINUM NORTH AMERICA (Continued)

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Z399 other:	Not reported
Submitted Facility Name:	AMG ALUMINUM N.A. LLC
Submitted Street:	3293 MCDONALD RD
Submitted City:	ROBARDS
Submitted County:	HENDERSON
Submitted State:	KY
Submitted Zip Code:	42452
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	AMG ADVANCED METALLURGICAL GROUP N.V.
Submitted Parent Company DB Number:	175804590
Submitted Standardized Parent Company Name:	AMG ADVANCED METALLURGICAL GROUP N V
Submitted Primary NAICS Code:	331524
Submitted Industry Code:	331
Submitted Industry Name:	Primary Metals
Industry Code:	331
Industry Name:	Primary Metals
Last year the facility reported:	2018
First year the facility reported:	1987
Number of forms submitted:	5
Total number of forms submitted:	139

Detailed Source Reduction Activities and Methods:

Cas number:	007439965
Document control number:	1318216691042
Chemical name:	MANGANESE
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	0
Other on-site releases - current year:	0
Other on-site releases - following year:	0
Other on-site releases - 2nd-following year:	0
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0

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AMG ALUMINUM NORTH AMERICA (Continued)

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Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	0
Prod ratio/activity index:	0
Prod ratio or activity:	Not reported
1st SR reduction activity:	-
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007439965
Document control number:	1318216691042
Chemical name:	MANGANESE
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Not reported
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported

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AMG ALUMINUM NORTH AMERICA (Continued)

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Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	42452KBLLYMCDON
Cas number:	007440020
Chemical name:	NICKEL
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	YES
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	Not reported
Fugitive air emissions - total release pounds:	Not reported
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	Not reported
Stack air emissions - release range code:	Not reported
Total stack air emissions:	0
Stack air emissions - basis of estimate:	Not reported
Total air emissions:	Not reported
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported

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AMG ALUMINUM NORTH AMERICA (Continued)

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Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	Not reported
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	Not reported
On-site ugrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	Not reported
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	Not reported
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	Not reported
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	Not reported
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	Not reported
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	Not reported
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	Not reported
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	Not reported
Total on-site releases:	Not reported
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0

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AMG ALUMINUM NORTH AMERICA (Continued)

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Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not reported
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not reported
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not reported
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110056971077
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0

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Site Database(s) EDR ID Number
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AMG ALUMINUM NORTH AMERICA (Continued)

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Off Site - POTW Releases 81D:	0
Chemical Activities and Uses:	
Cas number:	007440020
Document control number:	1318216691055
Chemical name:	NICKEL
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	Not reported
P102 raw materials:	Not reported
P103 intermediates:	Not reported
P104 initiators:	Not reported
P199 other:	Not reported
Added as a formulation component:	No
P201 additives:	Not reported
P202 dyes:	Not reported
P203 reaction diluents:	Not reported
P204 initiators:	Not reported
P205 solvents:	Not reported
P206 inhibitors:	Not reported
P207 emulsifiers:	Not reported
P208 surfactants:	Not reported
P209 lubricants:	Not reported
P210 flame retardants:	Not reported
P211 rheological modifiers:	Not reported
P299 other:	Not reported
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	Not reported
Z102 catalysts:	Not reported
Z103 inhibitors:	Not reported
Z104 initiators:	Not reported
Z105 reaction terminators:	Not reported
Z106 solution buffers:	Not reported
Z199 other:	Not reported
Used as a manufacturing aid:	No
Z201 process lubricants:	Not reported
Z202 metalworking fluids:	Not reported
Z203 coolants:	Not reported
Z204 refrigerants:	Not reported
Z205 hydraulic fluids:	Not reported
Z299 other:	Not reported
Ancillary or other use:	No
Z301 cleaner:	Not reported
Z302 degreaser:	Not reported
Z303 lubricant:	Not reported
Z304 fuel:	Not reported
Z305 flame retardant:	Not reported

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AMG ALUMINUM NORTH AMERICA (Continued)

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Z306 waste treatment:	Not reported
Z307 water treatment:	Not reported
Z308 construction materials:	Not reported
Z399 other:	Not reported
Submitted Facility Name:	AMG ALUMINUM N.A. LLC
Submitted Street:	3293 MCDONALD RD
Submitted City:	ROBARDS
Submitted County:	HENDERSON
Submitted State:	KY
Submitted Zip Code:	42452
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	AMG ADVANCED METALLURGICAL GROUP N.V.
Submitted Parent Company DB Number:	175804590
Submitted Standardized Parent Company Name:	AMG ADVANCED METALLURGICAL GROUP N V
Submitted Primary NAICS Code:	331524
Submitted Industry Code:	331
Submitted Industry Name:	Primary Metals
Industry Code:	331
Industry Name:	Primary Metals
Last year the facility reported:	2018
First year the facility reported:	1987
Number of forms submitted:	5
Total number of forms submitted:	139

Detailed Source Reduction Activities and Methods:

Cas number:	007440020
Document control number:	1318216691055
Chemical name:	NICKEL
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	0
Other on-site releases - current year:	0
Other on-site releases - following year:	0
Other on-site releases - 2nd-following year:	0
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0

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Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	0
Prod ratio/activity index:	0
Prod ratio or activity:	Not reported
1st SR reduction activity:	-
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007440020
Document control number:	1318216691055
Chemical name:	NICKEL
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Not reported
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported

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Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	42452KBLLYMCDON
Cas number:	007440473
Chemical name:	CHROMIUM
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	YES
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	Not reported
Fugitive air emissions - total release pounds:	Not reported
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	0
Fugitive air emissions - basis of estimate:	Not reported
Stack air emissions - release pounds:	Not reported
Stack air emissions - release range code:	Not reported
Total stack air emissions:	0
Stack air emissions - basis of estimate:	Not reported

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Total air emissions:	Not reported
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	Not reported
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	Not reported
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	Not reported
On-site ugrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	Not reported
Total on-site landfills:	Not reported
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	Not reported
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	Not reported
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	Not reported
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	Not reported
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	Not reported
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	Not reported
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	Not reported
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	Not reported
Total on-site releases:	Not reported
Off-site - POTW releases:	0

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Site Database(s) EDR ID Number
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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	0
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	0
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	0
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not reported
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not reported
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not reported
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110056971077
Elemental Metal Included:	NO

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AMG ALUMINUM NORTH AMERICA (Continued)

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Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Chemical Activities and Uses:	
Cas number:	007440473
Document control number:	1318216691016
Chemical name:	CHROMIUM
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	No
P101 feedstocks:	Not reported
P102 raw materials:	Not reported
P103 intermediates:	Not reported
P104 initiators:	Not reported
P199 other:	Not reported
Added as a formulation component:	No
P201 additives:	Not reported
P202 dyes:	Not reported
P203 reaction diluents:	Not reported
P204 initiators:	Not reported
P205 solvents:	Not reported
P206 inhibitors:	Not reported
P207 emulsifiers:	Not reported
P208 surfactants:	Not reported
P209 lubricants:	Not reported
P210 flame retardants:	Not reported
P211 rheological modifiers:	Not reported
P299 other:	Not reported
Used as an article component:	No
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	Not reported
Z102 catalysts:	Not reported
Z103 inhibitors:	Not reported
Z104 initiators:	Not reported
Z105 reaction terminators:	Not reported
Z106 solution buffers:	Not reported
Z199 other:	Not reported
Used as a manufacturing aid:	No
Z201 process lubricants:	Not reported
Z202 metalworking fluids:	Not reported
Z203 coolants:	Not reported
Z204 refrigerants:	Not reported
Z205 hydraulic fluids:	Not reported
Z299 other:	Not reported
Ancillary or other use:	No
Z301 cleaner:	Not reported
Z302 degreaser:	Not reported

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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Z303 lubricant:	Not reported
Z304 fuel:	Not reported
Z305 flame retardant:	Not reported
Z306 waste treatment:	Not reported
Z307 water treatment:	Not reported
Z308 construction materials:	Not reported
Z399 other:	Not reported

Submitted Facility Name:	AMG ALUMINUM N.A. LLC
Submitted Street:	3293 MCDONALD RD
Submitted City:	ROBARDS
Submitted County:	HENDERSON
Submitted State:	KY
Submitted Zip Code:	42452
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	AMG ADVANCED METALLURGICAL GROUP N.V.
Submitted Parent Company DB Number:	175804590
Submitted Standardized Parent Company Name:	AMG ADVANCED METALLURGICAL GROUP N V
Submitted Primary NAICS Code:	331524
Submitted Industry Code:	331
Submitted Industry Name:	Primary Metals
Industry Code:	331
Industry Name:	Primary Metals
Last year the facility reported:	2018
First year the facility reported:	1987
Number of forms submitted:	5
Total number of forms submitted:	139

Detailed Source Reduction Activities and Methods:

Cas number:	007440473
Document control number:	1318216691016
Chemical name:	CHROMIUM
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	0
Other on-site releases - current year:	0
Other on-site releases - following year:	0
Other on-site releases - 2nd-following year:	0
Off-site limited releases - prior year:	0
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	0
Other off-site releases - current year:	0
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0

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MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number _____
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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	0
Prod ratio/activity index:	0
Prod ratio or activity:	Not reported
1st SR reduction activity:	-
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007440473
Document control number:	1318216691016
Chemical name:	CHROMIUM
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	Not reported
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported

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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

TRI ID:	42452KBLLYMCDON
Cas number:	007440508
Chemical name:	COPPER
Classification:	TRI
Unit of measure:	Pounds
Metal ind:	YES
Revision code 1:	Not reported
Revision code 2:	Not reported
Maximum amount on site:	06
Fugitive air emissions - total release pounds:	34.7
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	34.7
Fugitive air emissions - basis of estimate:	Periodic/Random Monotoning Data
Stack air emissions - release pounds:	189

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AMG ALUMINUM NORTH AMERICA (Continued)

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Stack air emissions - release range code:	Not reported
Total stack air emissions:	189
Stack air emissions - basis of estimate:	Periodic/Random Monotoning Data
Total air emissions:	223.7
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ungrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0
Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported

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MAP FINDINGS

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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Total on-site land releases:	0
Total on-site releases:	223.7
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	104
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	104
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	104
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable
On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported

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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

On-site recycling processes method 7:	Not reported
FRS Facility ID:	110056971077
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Chemical Activities and Uses:	
Cas number:	007440508
Document control number:	1318216691028
Chemical name:	COPPER
Classification:	TRI
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	Yes
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	Yes
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No
Used as a manufacturing aid:	No
Z201 process lubricants:	No
Z202 metalworking fluids:	No
Z203 coolants:	No
Z204 refrigerants:	No
Z205 hydraulic fluids:	No
Z299 other:	No

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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Ancillary or other use:	No
Z301 cleaner:	No
Z302 degreaser:	No
Z303 lubricant:	No
Z304 fuel:	No
Z305 flame retardant:	No
Z306 waste treatment:	No
Z307 water treatment:	No
Z308 construction materials:	No
Z399 other:	No
Submitted Facility Name:	AMG ALUMINUM N.A. LLC
Submitted Street:	3293 MCDONALD RD
Submitted City:	ROBARDS
Submitted County:	HENDERSON
Submitted State:	KY
Submitted Zip Code:	42452
Submitted BIA Code:	Not reported
Submitted Tribe Name:	Not reported
Submitted Parent Company Name:	AMG ADVANCED METALLURGICAL GROUP N.V.
Submitted Parent Company DB Number:	175804590
Submitted Standardized Parent Company Name:	AMG ADVANCED METALLURGICAL GROUP N V
Submitted Primary NAICS Code:	331524
Submitted Industry Code:	331
Submitted Industry Name:	Primary Metals
Industry Code:	331
Industry Name:	Primary Metals
Last year the facility reported:	2018
First year the facility reported:	1987
Number of forms submitted:	5
Total number of forms submitted:	139

Detailed Source Reduction Activities and Methods:

Cas number:	007440508
Document control number:	1318216691028
Chemical name:	COPPER
Classification:	TRI
Unit of measure:	Pounds
On-site limited releases - prior year:	0
On-site limited releases - current year:	0
On-site limited releases - following year:	0
On-site limited releases - 2nd-following year:	0
Other on-site releases - prior year:	186.2
Other on-site releases - current year:	223.7
Other on-site releases - following year:	223.7
Other on-site releases - 2nd-following year:	223.7
Off-site limited releases - prior year:	.06552
Off-site limited releases - current year:	0
Off-site limited releases - following year:	0
Off-site limited releases - 2nd-following year:	0
Other off-site releases - previous year:	93.62548
Other off-site releases - current year:	104
Other off-site releases - following year:	0
Other off-site releases - 2nd-following year:	0
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0

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Site _____ Database(s) _____ EDR ID Number _____
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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	1.22
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007440508
Document control number:	1318216691028
Chemical name:	COPPER
Classification:	TRI
Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported

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AMG ALUMINUM NORTH AMERICA (Continued)

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Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	007440508
Document control number:	1318216691028
Chemical name:	COPPER
Classification:	TRI
Offsite RCRA id nr:	NA
Offsite transfer sequence number:	2
Offsite name:	OHIO COUNTY BALEFILL
Offsite street address:	100 LANDFILL LANE
Offsite City,State,Zip:	BEAVER DAM, KY 42437
Offsite county:	OHIO
Offsite province:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site		Database(s)	EDR ID Number EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Offsite other land disposal m79 LBS:	104
Offsite other land disposal m79 BOE:	Other
Total amount transferred offsite for disposal:	104
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	Not reported

Details of Transfers to Publicly Owned Treatment Works:

Cas number:	007440508
Document control number:	1318216691028
Chemical name:	COPPER
Classification:	TRI
Unit of measure:	Pounds
POTW name:	HENDERSON SOUTH STP #2
POTW address:	4137 QUINN LANDING RD
POTW City,State,Zip:	ROBARDS, KY 424529792
POTW county:	HENDERSON
Quantity transferred:	Not reported
Basis of estimate:	Not reported
Discharges to water streams:	Not reported
Discharges to water streams - basis of estimate:	Not reported
Discharges to other activities:	Not reported
Discharges to other activities - basis of estimate:	Not reported
Released to air:	Not reported
Released to air - basis of estimate:	Not reported
Sludge to disposal:	Not reported
Sludge to disposal - basis of estimate:	Not reported
Sludge to incineration - metals:	Not reported
Sludge to incineration - metals - basis of estimate:	Not reported
Sludge to agricultural applications:	Not reported
Sludge to agricultural applications - basis of estimate:	Not reported
Other or unknown disposal:	Not reported
Other or unknown disposal - basis of estimate:	Not reported
Other or unknown treatment:	Not reported
Other or unknown treatment - basis of estimate:	Not reported
Sludge to incineration - nonmetals:	Not reported
Sludge to incineration - nonmetals - basis of estimate:	Not reported
Total treated:	0
POTW Registry ID:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Off Site - POTW Releases:	0
Experimental and Est. Treatment:	Not reported
Experimental and Est. Treatment - Basis of Est.:	Not reported

TRI ID:	42452KBLLYMCDON
Cas number:	007439921
Chemical name:	LEAD
Classification:	PBT
Unit of measure:	Pounds
Metal ind:	YES
Revision code 1:	Not reported

Map ID
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 Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Revision code 2:	Not reported
Maximum amount on site:	03
Fugitive air emissions - total release pounds:	.14
Fugitive air emissions - total release range code:	Not reported
Total fugitive air emissions:	.14
Fugitive air emissions - basis of estimate:	On-Site-Specific Emission Factors
Stack air emissions - release pounds:	.73
Stack air emissions - release range code:	Not reported
Total stack air emissions:	.73
Stack air emissions - basis of estimate:	On-Site-Specific Emission Factors
Total air emissions:	.87
Discharges to stream a - stream name:	Not reported
Total discharges to stream a:	Not reported
Discharges to stream a - basis of estimate:	Not reported
Discharges to stream a - % from stormwater:	Not reported
Discharges to stream b - stream name:	Not reported
Total discharges to stream b:	Not reported
Discharges to stream b - basis of estimate:	Not reported
Discharges to stream b - % from stormwater:	Not reported
Discharges to stream c - stream name:	Not reported
Total discharges to stream c:	Not reported
Discharges to stream c - basis of estimate:	Not reported
Discharges to stream c - % from stormwater:	Not reported
Discharges to stream d - stream name:	Not reported
Total discharges to stream d:	Not reported
Discharges to stream d - basis of estimate:	Not reported
Discharges to stream d - % from stormwater:	Not reported
Discharges to stream e - stream name:	Not reported
Total discharges to stream e:	Not reported
Discharges to stream e - basis of estimate:	Not reported
Discharges to stream e - % from stormwater:	Not reported
Discharges to stream f - stream name:	Not reported
Total discharges to stream f:	Not reported
Discharges to stream f - basis of estimate:	Not reported
Discharges to stream f - % from stormwater:	Not reported
Discharges to stream g - stream name:	Not reported
Total discharges to stream g:	Not reported
Discharges to stream g - basis of estimate:	Not reported
Discharges to stream g - % from stormwater:	Not reported
Total number of receiving streams:	0
Total surface water discharge:	0
Total on-site underground inj - pounds:	0
On-site underground inj - basis of estimate:	Not reported
Total on-site ugrnd inj to cl i wells - pounds:	0
On-site underground inj to c1 i wells - basis of estimate:	Not reported
Total on-site ugrnd inj to cl ii-v wells - pounds:	0
On-site ugrnd inj to cl ii-v wells - basis of estimate:	Not reported
Total on-site underground injection:	0
Total on-site landfills:	0
On-site landfills - basis of estimate:	Not reported
Total on-site RCRA subtitle c landfills:	0
On-site RCRA subtitle c landfills - basis of estimate:	Not reported
Total other on-site landfills:	0
Other landfills - basis of estimate:	Not reported
Total on-site land treatment:	0
Land trtmt/appl farming - basis of estimate:	Not reported
Total surface impoundments:	0

Map ID
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MAP FINDINGS

Site Database(s) EDR ID Number
 EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Surface impoundment - basis of estimate:	Not reported
Total RCRA c surface impoundments:	0
RCRA c Surface impoundment - basis of estimate:	Not reported
Total other surface impoundments:	0
Other surface impoundment - basis of estimate:	Not reported
Total other disposal:	0
Other disposal - basis of estimate:	Not reported
Total on-site land releases:	0
Total on-site releases:	.87
Off-site - POTW releases:	0
Off-site - storage only:	0
Off-site - solid/stab - metals:	0
Off-site - wastewater treatment release - metals:	0
Off-site - solid/stab - release - metals:	0
Off-site - wastewater treatment - metals:	0
Off-site - underground injection:	0
Off-site - underground injection - class 1 wells:	0
Off-site - underground injection - class ii-v wells:	0
Off-site - landfills/disposal surface impoundments:	0
Off-site - surface impoundment:	0
Off-site - RCRA subtitle c surface impoundments:	0
Off-site - other surface impoundments:	0
Off-site - other landfills:	0
Off-site - RCRA subtitle c landfills:	0
Off-site - disposal - land treatment:	0
Off-site - disposal - other land disposal:	.45
Off-site - disposal - other off-site management:	0
Off-site - disposal - transfer to waste broker:	0
Off-site - disposal - unknown:	0
Total transferred off site for disposal:	.45
Off-site - recycling - solvents/organics recovery:	0
Off-site - recycling -metals recovery:	0
Off-site - recycling - other reuse or recovery:	0
Off-site - recycling - acid regeneration:	0
Off-site - recycling - transfer to waste broker:	0
Total transferred off site for recycling:	0
Off-site - energy recovery:	0
Off-site - transfer to waste broker for energy recovery:	0
Total transferred off site for energy recovery:	0
Off-site - POTW treatment:	0
Off-site - solid/stab treatment - non metals:	0
Off-site -incineration/thermal treatment:	0
Off-site - incineration/insignificant heat value:	0
Off-site - wastewater treatment - non-metals:	0
Off-site - other waste treatment:	0
Off-site - transfer to waste broker - waste treatment:	0
Total transferred off site for treatment:	0
Off-site - transfer to waste broker:	0
Total transferred off site for further waste management:	.45
Total POTW transfer:	0
Energy recovery on site current year:	0
Recycled on site current year:	0
Treated on site current year:	0
Total on-site waste management:	0
On-site energy recovery method 1:	Not Applicable
On-site energy recovery method 2:	Not reported
On-site energy recovery method 3:	Not Applicable

Map ID
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MAP FINDINGS

Site

Database(s)

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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

On-site energy recovery method 4:	Not reported
On-site recycling processes method 1:	Not Applicable
On-site recycling processes method 2:	Not reported
On-site recycling processes method 3:	Not reported
On-site recycling processes method 4:	Not reported
On-site recycling processes method 5:	Not reported
On-site recycling processes method 6:	Not reported
On-site recycling processes method 7:	Not reported
FRS Facility ID:	110056971077
Elemental Metal Included:	NO
Waste Rock Pile managed Indicator:	0
Waste Rock Quantity:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Chemical Activities and Uses:	
Cas number:	007439921
Document control number:	1318216691030
Chemical name:	LEAD
Classification:	PBT
Unit of measure:	Pounds
Produce the chemical:	No
Import the chemical:	No
On-site use of the chemical:	No
Sale or distribution of the chemical:	No
As a byproduct:	No
As a manufactured impurity:	No
Used as a reactant:	Yes
P101 feedstocks:	No
P102 raw materials:	No
P103 intermediates:	No
P104 initiators:	No
P199 other:	No
Added as a formulation component:	No
P201 additives:	No
P202 dyes:	No
P203 reaction diluents:	No
P204 initiators:	No
P205 solvents:	No
P206 inhibitors:	No
P207 emulsifiers:	No
P208 surfactants:	No
P209 lubricants:	No
P210 flame retardants:	No
P211 rheological modifiers:	No
P299 other:	No
Used as an article component:	Yes
Repackaging:	No
As a process impurity:	No
Processed / recycling:	No
Used as a chemical processing aid:	No
Z101 process solvents:	No
Z102 catalysts:	No
Z103 inhibitors:	No
Z104 initiators:	No
Z105 reaction terminators:	No
Z106 solution buffers:	No
Z199 other:	No

Map ID
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MAP FINDINGS

EDR ID Number
 EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Used as a manufacturing aid: No
 Z201 process lubricants: No
 Z202 metalworking fluids: No
 Z203 coolants: No
 Z204 refrigerants: No
 Z205 hydraulic fluids: No
 Z299 other: No
 Ancillary or other use: No
 Z301 cleaner: No
 Z302 degreaser: No
 Z303 lubricant: No
 Z304 fuel: No
 Z305 flame retardant: No
 Z306 waste treatment: No
 Z307 water treatment: No
 Z308 construction materials: No
 Z399 other: No

Submitted Facility Name: AMG ALUMINUM N.A. LLC
 Submitted Street: 3293 MCDONALD RD
 Submitted City: ROBARDS
 Submitted County: HENDERSON
 Submitted State: KY
 Submitted Zip Code: 42452
 Submitted BIA Code: Not reported
 Submitted Tribe Name: Not reported
 Submitted Parent Company Name: AMG ADVANCED METALLURGICAL GROUP N.V.
 Submitted Parent Company DB Number: 175804590
 Submitted Standardized Parent Company Name: AMG ADVANCED METALLURGICAL GROUP N V
 Submitted Primary NAICS Code: 331524
 Submitted Industry Code: 331
 Submitted Industry Name: Primary Metals
 Industry Code: 331
 Industry Name: Primary Metals
 Last year the facility reported: 2018
 First year the facility reported: 1987
 Number of forms submitted: 5
 Total number of forms submitted: 139

Detailed Source Reduction Activities and Methods:

Cas number: 007439921
 Document control number: 1318216691030
 Chemical name: LEAD
 Classification: PBT
 Unit of measure: Pounds
 On-site limited releases - prior year: 0
 On-site limited releases - current year: 0
 On-site limited releases - following year: 0
 On-site limited releases - 2nd-following year: 0
 Other on-site releases - prior year: 1.33
 Other on-site releases - current year: .87
 Other on-site releases - following year: .87
 Other on-site releases - 2nd-following year: .87
 Off-site limited releases - prior year: .03843
 Off-site limited releases - current year: 0
 Off-site limited releases - following year: 0
 Off-site limited releases - 2nd-following year: 0

Map ID
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MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number _____
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AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Other off-site releases - previous year:	.64257
Other off-site releases - current year:	.45
Other off-site releases - following year:	.45
Other off-site releases - 2nd-following year:	.45
Energy recovery on site prior year:	0
Energy recovery on site current year:	0
Energy recovery on site following year:	0
Energy recovery on site 2nd-following year:	0
Energy recovery off site prior year:	0
Energy recovery off site current year:	0
Energy recovery off site following year:	0
Energy recovery off site 2nd-following year:	0
Quantity recycled on site prior year:	0
Quantity recycled on site current year:	0
Quantity recycled on site following year:	0
Quantity recycled on site 2nd-following year:	0
Quantity recycled off site prior year:	0
Quantity recycled off site current year:	0
Quantity recycled off site following year:	0
Quantity recycled off site 2nd-following year:	0
Quantity treated on site prior year:	0
Quantity treated on site current year:	0
Quantity treated on site following year:	0
Quantity treated on site 2nd-following year:	0
Quantity treated off site prior year:	0
Quantity treated off site current year:	0
Quantity treated off site following year:	0
Quantity treated off site 2nd-following year:	0
Catastrophic releases or other one-time events:	Not reported
Prod ratio/activity index:	.62
Prod ratio or activity:	ACTIVITY
1st SR reduction activity:	NA-Na
1st SR activity ID meth code and desc 1:	Not reported
1st SR activity ID meth code and desc 2:	Not reported
1st SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 1st source REDN act code and desc:	Not reported
2nd SR activity code and desc:	Not reported
2nd SR activity ID meth code and desc 1:	Not reported
2nd SR activity ID meth code and desc 2:	Not reported
2nd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 2nd source REDN act code and desc:	Not reported
3rd SR activity code and desc:	Not reported
3rd SR activity ID meth code and desc 1:	Not reported
3rd SR activity ID meth code and desc 2:	Not reported
3rd SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 3rd source REDN act code and desc:	Not reported
4th SR activity code and desc:	Not reported
4th SR activity ID meth code and desc 1:	Not reported
4th SR activity ID meth code and desc 2:	Not reported
4th SR activity ID meth code and desc 3:	Not reported
EST Ann REDN 4th source REDN act code and desc:	Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

Cas number:	007439921
Document control number:	1318216691030
Chemical name:	LEAD
Classification:	PBT

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Unit of measure:	Pounds
Stream 1 - waste stream code:	NA
Stream 1 - trtmt method - sequence 1:	Not reported
Stream 1 - trtmt method - sequence 2:	Not reported
Stream 1 - trtmt method - sequence 3:	Not reported
Stream 1 - trtmt method - sequence 4:	Not reported
Stream 1 - trtmt method - sequence 5:	Not reported
Stream 1 - trtmt method - sequence 6:	Not reported
Stream 1 - trtmt method - sequence 7:	Not reported
Stream 1 - trtmt method - sequence 8:	Not reported
Stream 1 - based on operating data:	Not reported
Stream 2 - waste stream code:	Not reported
Stream 2 - trtmt method - sequence 1:	Not reported
Stream 2 - trtmt method - sequence 2:	Not reported
Stream 2 - trtmt method - sequence 3:	Not reported
Stream 2 - trtmt method - sequence 4:	Not reported
Stream 2 - trtmt method - sequence 5:	Not reported
Stream 2 - trtmt method - sequence 6:	Not reported
Stream 2 - trtmt method - sequence 7:	Not reported
Stream 2 - trtmt method - sequence 8:	Not reported
Stream 2 - based on operating data:	Not reported
Stream 3 - waste stream code:	Not reported
Stream 3 - trtmt method - sequence 1:	Not reported
Stream 3 - trtmt method - sequence 2:	Not reported
Stream 3 - trtmt method - sequence 3:	Not reported
Stream 3 - trtmt method - sequence 4:	Not reported
Stream 3 - trtmt method - sequence 5:	Not reported
Stream 3 - trtmt method - sequence 6:	Not reported
Stream 3 - trtmt method - sequence 7:	Not reported
Stream 3 - trtmt method - sequence 8:	Not reported
Stream 3 - based on operating data:	Not reported
Stream 4 - waste stream code:	Not reported
Stream 4 - trtmt method - sequence 1:	Not reported
Stream 4 - trtmt method - sequence 2:	Not reported
Stream 4 - trtmt method - sequence 3:	Not reported
Stream 4 - trtmt method - sequence 4:	Not reported
Stream 4 - trtmt method - sequence 5:	Not reported
Stream 4 - trtmt method - sequence 6:	Not reported
Stream 4 - trtmt method - sequence 7:	Not reported
Stream 4 - trtmt method - sequence 8:	Not reported
Stream 4 - based on operating data:	Not reported
Stream 5 - waste stream code:	Not reported
Stream 5 - trtmt method - sequence 1:	Not reported
Stream 5 - trtmt method - sequence 2:	Not reported
Stream 5 - trtmt method - sequence 3:	Not reported
Stream 5 - trtmt method - sequence 4:	Not reported
Stream 5 - trtmt method - sequence 5:	Not reported
Stream 5 - trtmt method - sequence 6:	Not reported
Stream 5 - trtmt method - sequence 7:	Not reported
Stream 5 - trtmt method - sequence 8:	Not reported
Stream 5 - based on operating data:	Not reported

Details of Off-site Transfers:

Cas number:	007439921
Document control number:	1318216691030
Chemical name:	LEAD
Classification:	PBT

Map ID
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MAP FINDINGS

EDR ID Number
 EPA ID Number

AMG ALUMINUM NORTH AMERICA (Continued)

1000140132

Offsite RCRA id nr:	NA
Offsite transfer sequence number:	2
Offsite name:	OHIO COUNTY BALEFILL
Offsite street address:	100 LANDFILL LANE
Offsite City,State,Zip:	BEAVER DAM, KY 42437
Offsite county:	OHIO
Offsite province:	Not reported
Offsite country id:	Not reported
Offsite control:	NO
Unit of measure:	Pounds
Offsite other land disposal m79 LBS:	.45
Offsite other land disposal m79 BOE:	Other
Total amount transferred offsite for disposal:	.45
Total amount transferred offsite for recycling:	0
Total amount transferred offsite for energy recovery:	0
Total amount transferred offsite for treatment:	0
FRS ID - Transfer Location:	Not reported

Details of Transfers to Publicly Owned Treatment Works:

Cas number:	007439921
Document control number:	1318216691030
Chemical name:	LEAD
Classification:	PBT
Unit of measure:	Pounds
POTW name:	HENDERSON SOUTH STP #2
POTW address:	4137 QUINN LANDING RD
POTW City,State,Zip:	ROBARDS, KY 42452
POTW county:	HENDERSON
Quantity transferred:	Not reported
Basis of estimate:	Not reported
Discharges to water streams:	Not reported
Discharges to water streams - basis of estimate:	Not reported
Discharges to other activities:	Not reported
Discharges to other activities - basis of estimate:	Not reported
Released to air:	Not reported
Released to air - basis of estimate:	Not reported
Sludge to disposal:	Not reported
Sludge to disposal - basis of estimate:	Not reported
Sludge to incineration - metals:	Not reported
Sludge to incineration - metals - basis of estimate:	Not reported
Sludge to agricultural applications:	Not reported
Sludge to agricultural applications - basis of estimate:	Not reported
Other or unknown disposal:	Not reported
Other or unknown disposal - basis of estimate:	Not reported
Other or unknown treatment:	Not reported
Other or unknown treatment - basis of estimate:	Not reported
Sludge to incineration - nonmetals:	Not reported
Sludge to incineration - nonmetals - basis of estimate:	Not reported
Total treated:	0
POTW Registry ID:	Not reported
Off Site - POTW Releases 81C:	0
Off Site - POTW Releases 81D:	0
Off Site - POTW Releases:	0
Experimental and Est. Treatment:	Not reported
Experimental and Est. Treatment - Basis of Est.:	Not reported

MAP FINDINGS

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

19 South > 1 1.515 mi. 7999 ft.	ANCHOR OIL TRANSFORMERS 485 LEOHUST ROAD SEBREE, KY 42455	SHWS	S118153721 N/A
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Actual: 409 ft. Focus Map: 31	SHWS: Name: Address: City,State,Zip: Facility Id: Status: Description: Closure Date: Longitude: Latitude: Subject Item County: Sub Item Longitude: Sub Item Latitude: Subject Item Address: Subject Item Address2: Subject Item City,St,Zip: Regulatory Desc: Closure Option: Side SG:	ANCHOR OIL TRANSFORMERS 485 LEOHUST ROAD SEBREE, KY 42455 53604 Closed ANCHOR OIL TRANSFORMERS (Closed: No Action Necessary) 01/17/1996 -87.589850 37.636125 Webster -87.589799 37.636215 485 Leohust Rd Not reported Sebree, KY 42455 State Superfund Option A No Action Necessary 36907
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20 NE > 1 1.634 mi. 8630 ft.	EFFIE WALKER TRANSFORMERS 14830 HWY 136 E NIAGARA, KY 42420	SHWS	S106885180 N/A
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Actual: 477 ft. Focus Map: 12	SHWS: Name: Address: City,State,Zip: Facility Id: Status: Description: Closure Date: Longitude: Latitude: Subject Item County: Sub Item Longitude: Sub Item Latitude: Subject Item Address: Subject Item Address2: Subject Item City,St,Zip: Regulatory Desc: Closure Option: Side SG:	EFFIE WALKER TRANSFORMERS 14830 HWY 136 E NIAGARA, KY 42420 53251 Closed EFFIE WALKER TRANSFORMERS (Closed: Restored) 04/09/2001 -87.495110 37.725420 Henderson -87.495110 37.72542 14830 Hwy 136 E Not reported Niagara, KY 42420 State Superfund Option C Restored 12075
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MAP FINDINGS

Map ID
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Site

Database(s)

EDR ID Number
 EPA ID Number

21 **NIAGARA ELEMENTARY SCHOOL**
NNE **13043 KY 136 E**
> 1 **HENDERSON, KY 42420**
1.701 mi.
8982 ft.

UST **U003990934**
N/A

Actual:
425 ft.
Focus Map:
11

UST:

Name:	NIAGARA ELEMENTARY SCHOOL
Address:	13043 KY 136 E
City,State,Zip:	HENDERSON, KY 42420
Sequence Id:	965051
Facility ID:	35448
Owner Name:	Henderson Co Board Of Education
Owner Address:	5704 Airline Rd
Owner Address2:	Not reported
Owner Address3:	Not reported
Owner City,St,Zip:	Henderson, KY 42420
Internal Document ID:	0
Latitude:	37.734625
Longitude:	-87.509971
Inert Material Code:	Not reported
Removed Date:	07/10/1989
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	UNK
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprd:	Unknown
Decode For Treldetcod:	None
Decode For Tintprotcd:	Unknown
Decode For Tsplprevcd:	Unknown
Decode For Tovflprvcd:	Unknown
Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	Unknown
Decode For Ptypecode:	Unknown
Decode For Preldetcod:	Unknown
Decode For Preldetsuc:	Unknown
Decode For Plekdetcod:	Not Applicable
Decode For Tsubcd:	Gasoline
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	1
Tank Status:	TRM
Installation Date:	01/01/1977

MAP FINDINGS

Map ID
 Direction
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 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

NIAGARA ELEMENTARY SCHOOL (Continued)

U003990934

Closed In Place Date: Not reported
 Capacity in Gallons: 500
 Compartment Number: 1
 Piping Installation Date: Not reported
 Added To Tank Date: Not reported

22
NE
 > 1
 1.833 mi.
 9678 ft.

HAZEL JOHNSON PROPERTY
15815 KY 136 E
HENDERSON, KY 42420

UST U003180367
N/A

Actual:
489 ft.
Focus Map:
12

UST:
 Name: HAZEL JOHNSON PROPERTY
 Address: 15815 KY 136 E
 City,State,Zip: HENDERSON, KY 42420
 Sequence Id: 1009051
 Facility ID: 68934
 Owner Name: Hazel Johnson
 Owner Address: 15815 HWY 136 E
 Owner Address2: Not reported
 Owner Address3: Not reported
 Owner City,St,Zip: Henderson, KY 42420
 Internal Document ID: 0
 Latitude: 37.72123
 Longitude: -87.488148

Inert Material Code: Not reported
 Removed Date: 04/14/1997
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: UNK
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: NON
 Pipe Rel Detect Suc Code: NON
 Pipe Leak Detect Code: NA
 Last Contained Date: Not reported
 Pipe Mfg Code: Not reported
 Last Pipe Test Date: Not reported
 Last CP Test Date: Not reported
 Added To Flex Date: Not reported
 Added To Piping Date: Not reported
 Decode For Tstatus: Removed Tank Verified
 Decode For Inertmatcd: Not reported
 Decode For Tmatcode: Single Wall Steel
 Decode For Textcrpcd: None
 Decode For Treldecod: None
 Decode For Tintprotcd: Not Applicable
 Decode For Tsplprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel
 Decode For Pextcoprcd: None
 Decode For Ptypecode: Suction
 Decode For Preldecod: None
 Decode For Preldecod: None

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HAZEL JOHNSON PROPERTY (Continued)

U003180367

Decode For Plekdetcod:	Not Applicable
Decode For Tsubcd:	Gasoline
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	2
Tank Status:	TRM
Installation Date:	01/01/1959
Closed In Place Date:	12/16/1996
Capacity in Gallons:	560
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	04/14/1997
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	NON
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcrprd:	None
Decode For Treldetcod:	None
Decode For Tintprotcd:	Not Applicable
Decode For Tsplprevcd:	Unknown
Decode For Tovflprvcd:	Unknown
Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	None
Decode For Ptypecode:	Suction
Decode For Preldetcod:	None
Decode For Preldetsuc:	None
Decode For Plekdetcod:	Not Applicable
Decode For Tsubcd:	Gasoline
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	1
Tank Status:	TRM
Installation Date:	01/01/1959
Closed In Place Date:	12/16/1996
Capacity in Gallons:	560
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

23 **HAWKINS GROCERY**
NE **15889 KY 136 E**
> 1 **HENDERSON, KY 42420**
1.858 mi.
9811 ft.

PSTEAF **U001624066**
UST **N/A**

Actual: PSTEAF:
484 ft. Name: HAWKINS GROCERY
Focus Map: Address: 15889 KY 136 E
12 City,State,Zip: HENDERSON, KY 42420
 Facility Id: 61161
 Al Number: 61161
 UST Id Number: 5452051
 Rank: 2
 Financial Account: PSTA
 Project Manager: Hickerson

UST:
 Name: HAWKINS GROCERY
 Address: 15889 KY 136 E
 City,State,Zip: HENDERSON, KY 42420
 Sequence Id: 5452051
 Facility ID: 61161
 Owner Name: Jackie Gunther
 Owner Address: 15889 KY 136 E
 Owner Address2: Not reported
 Owner Address3: Not reported
 Owner City,St,Zip: Henderson, KY 42420
 Internal Document ID: 0
 Latitude: 37.720945
 Longitude: -87.487893

Inert Material Code: Not reported
 Removed Date: 01/23/1997
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Tank Mfg Code: Not reported
 Tank Overfill Protection: UNK
 Last Tank Test Date: Not reported
 Relined Date: Not reported
 Lining Insp Date: Not reported
 Pipe Release Detection: NON
 Pipe Rel Detect Suc Code: NON
 Pipe Leak Detect Code: NA
 Last Contained Date: Not reported
 Pipe Mfg Code: Not reported
 Last Pipe Test Date: Not reported
 Last CP Test Date: Not reported
 Added To Flex Date: Not reported
 Added To Piping Date: Not reported
 Decode For Tstatus: Removed Tank Verified
 Decode For Inertmatcd: Not reported
 Decode For Tmatcode: Single Wall Steel
 Decode For Textcrpcd: None
 Decode For Treldecod: None
 Decode For Tintprotcd: Not Applicable
 Decode For Tsplprevcd: Unknown
 Decode For Tovflprvcd: Unknown
 Decode For Pmatcode: Single Wall Steel

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HAWKINS GROCERY (Continued)

U001624066

Decode For Pextcoprcd:	None
Decode For Ptypecode:	Suction
Decode For Preldecod:	None
Decode For Preldecod:	None
Decode For Plekdecod:	Not Applicable
Decode For Tsubcd:	Other Substance
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	1
Tank Status:	TRM
Installation Date:	01/01/1935
Closed In Place Date:	07/19/1993
Capacity in Gallons:	560
Compartment Number:	1
Piping Installation Date:	Not reported
Added To Tank Date:	Not reported
Inert Material Code:	Not reported
Removed Date:	01/23/1997
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Tank Mfg Code:	Not reported
Tank Overfill Protection:	UNK
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Pipe Release Detection:	NON
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Decode For Tstatus:	Removed Tank Verified
Decode For Inertmatcd:	Not reported
Decode For Tmatcode:	Single Wall Steel
Decode For Textcprcd:	None
Decode For Treldetcd:	None
Decode For Tintprotcd:	Not Applicable
Decode For Tsplprevcd:	Unknown
Decode For Tovflprvcd:	Unknown
Decode For Pmatcode:	Single Wall Steel
Decode For Pextcoprcd:	None
Decode For Ptypecode:	Suction
Decode For Preldecod:	None
Decode For Preldecod:	None
Decode For Plekdecod:	Not Applicable
Decode For Tsubcd:	Other Substance
Decode For Tmancd:	Not reported
Decode For Pmancd:	Not reported
Subject Item ID:	2
Tank Status:	TRM
Installation Date:	01/01/1978
Closed In Place Date:	07/19/1993
Capacity in Gallons:	1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HAWKINS GROCERY (Continued)

U001624066

Compartment Number: 1
Piping Installation Date: Not reported
Added To Tank Date: Not reported

Count: 14 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HENDERSON	95309478		ALCAN ALUMINUM SEBREE	42420	ERNS
HENDERSON	S125982917	R.M.S ROYSTER'S MACHINE SHOP, LLC	257, 261, 265 US HIGHWAY 41 SOUTH/ 2053 CLAY STREET		ASBESTOS
HENDERSON COUNTY	M300002074	ALCAN INC	SEBREE SMELTER		US MINES
HENDERSON COUNTY	S125982130	FORMER BOBO'S RESTAURANT	2600 US HIGHWAY 41 NORTH		ASBESTOS
HENDERSON COUNTY	S123239040	BIG RIVERS ELECTRIC CORP - REID HMP&L STATION 2 / GREEN STATION LANDFILL (AI ID: 4196)	BIG RIVERS IN SEBREE		ASBESTOS
HENDERSON COUNTY	S123237002	BIG RIVERS ELECTRIC CORP - REID HMP&L STATION 2 (AI ID: 4196)	9000 HWY 2096 (SEBREE STATION)		ASBESTOS
HENDERSON COUNTY	S125983317	WESTERN KY ENERGY CORP - GREEN STATION - DAQ (AI ID: 44411)	WKE-SEBREE STATION OFF OF ST. RT. 2096 NEAR ROBARDS		ASBESTOS
HENDERSON COUNTY	S123235446	WESTERN KY ENERGY CORP - GREEN STATION - DAQ (AI ID: 44411)	9000 HWY 2096, WKE SEBREE STATION G1, G2		ASBESTOS
HENDERSON COUNTY	S123235641	WESTERN KY ENERGY CORP - GREEN STATION - DAQ (AI ID: 44411)	9000 HWY 2096, SEBREE STATION		ASBESTOS
HENDERSON COUNTY	S123237005	BIG RIVERS ELECTRIC CORP - GREEN STATION (AI ID: 44411)	9000 HWY 2096 (SEBREE STATION)		ASBESTOS
HENDERSON COUNTY	S123235445	WESTERN KY ENERGY CORP - GREEN STATION - DAQ (AI ID: 44411)	9000 HWY 2096, WKE SEBREE STATION G1, G2		ASBESTOS
HENDERSON COUNTY	S123234913	WESTERN KY ENERGY CORP - GREEN STATION - DAQ (AI ID: 44411)	WKE-SEBREE STATION		ASBESTOS
HENDERSON COUNTY	S123235447	WESTERN KY ENERGY CORP - GREEN STATION - DAQ (AI ID: 44411)	9000 HWY 2096, WKE-SEBREE STATION, G1, G2		ASBESTOS
ROBARDS	S123234471	WESTERN KY ENERGY CORP - GREEN STATION (AI ID: 44411)	WKE- SEBREE STATION 9000 ST. RT. 2096	42452	ASBESTOS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: N/A
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/30/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/12/2020
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: N/A
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/30/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/12/2020
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 10/12/2020
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: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/12/2020
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 known 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: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/17/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 800-424-9346
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 07/17/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/26/2020
	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: 03/23/2020	Source: EPA
Date Data Arrived at EDR: 03/25/2020	Telephone: 800-424-9346
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	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: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	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: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: (404) 562-8651
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/15/2020	Source: Department of the Navy
Date Data Arrived at EDR: 05/19/2020	Telephone: 843-820-7326
Date Made Active in Reports: 06/18/2020	Last EDR Contact: 05/14/2020
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/24/2020
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 05/15/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 05/15/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/22/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: State Leads List

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

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 06/03/2020
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 05/19/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Quarterly

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

SWF/LF: Solid Waste Facilities List

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

Date of Government Version: 02/11/2020
Date Data Arrived at EDR: 04/20/2020
Date Made Active in Reports: 07/07/2020
Number of Days to Update: 78

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

PSTEAF: Facility Ranking List

The Underground Storage Tank Branch (USTB) has ranked all PSTEAF reimbursable facilities requiring corrective action, in accordance with 401 KAR 42:290. Directive letters will be issued on the basis of facility ranking and available PSTEAF funding in sequential order as ranked. For example, Rank 2 facilities will be issued directives before Rank 3 facilities.

Date of Government Version: 03/01/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 06/22/2020
Number of Days to Update: 76

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
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: 10/15/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/10/2019	Source: EPA Region 4
Date Data Arrived at EDR: 12/05/2019	Telephone: 404-562-8677
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

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

Date of Government Version: 10/11/2019	Source: EPA Region 10
Date Data Arrived at EDR: 12/04/2019	Telephone: 206-553-2857
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	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: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6271
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

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

Date of Government Version: 10/01/2019	Source: EPA Region 1
Date Data Arrived at EDR: 12/04/2019	Telephone: 617-918-1313
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

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

Date of Government Version: 10/04/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3372
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 11/02/2020
	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: 10/02/2019	Source: EPA Region 6
Date Data Arrived at EDR: 12/04/2019	Telephone: 214-665-6597
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019	Source: EPA, Region 5
Date Data Arrived at EDR: 12/04/2019	Telephone: 312-886-7439
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SB193: SB193 Branch Site Inventory List

The inventory indicates facilities that have performed permanent closure activities at a regulated underground storage tank facility and have known soil and/or groundwater contamination.

Date of Government Version: 09/05/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/13/2006	Telephone: 502-564-5981
Date Made Active in Reports: 10/18/2006	Last EDR Contact: 04/08/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: No Update Planned

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: 02/01/2020	Source: FEMA
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-646-5797
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 07/06/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Varies

UST: Underground Storage Tank Database

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: 02/04/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/25/2020	Telephone: 502-564-5981
Date Made Active in Reports: 05/06/2020	Last EDR Contact: 05/26/2020
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

A listing of aboveground storage tank site locations.

Date of Government Version: 02/19/2020	Source: Office of State Fire Marshal
Date Data Arrived at EDR: 02/20/2020	Telephone: 502-564-4010
Date Made Active in Reports: 04/29/2020	Last EDR Contact: 05/19/2020
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019	Source: EPA, Region 1
Date Data Arrived at EDR: 12/04/2019	Telephone: 617-918-1313
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	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: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6137
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/02/2019	Source: EPA Region 6
Date Data Arrived at EDR: 12/04/2019	Telephone: 214-665-7591
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	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: 10/11/2019	Source: EPA Region 10
Date Data Arrived at EDR: 12/04/2019	Telephone: 206-553-2857
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/04/2019	Source: EPA Region 9
Date Data Arrived at EDR: 12/04/2019	Telephone: 415-972-3368
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 07/23/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 11/01/2020
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019	Source: EPA Region 5
Date Data Arrived at EDR: 12/04/2019	Telephone: 312-886-6136
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2019	Source: EPA Region 4
Date Data Arrived at EDR: 12/05/2019	Telephone: 404-562-9424
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/11/2019	Source: EPA Region 7
Date Data Arrived at EDR: 12/04/2019	Telephone: 913-551-7003
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing
A listing of sites that use engineering controls.

Date of Government Version: 05/19/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/20/2020	Telephone: 502-564-6716
Date Made Active in Reports: 06/04/2020	Last EDR Contact: 05/19/2020
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

INST CONTROL: State Superfund Database

A list of closed sites in the State Superfund Database. Institutional controls would be in place at any site that uses Contained or Managed as a Closure Option.

Date of Government Version: 05/19/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/20/2020	Telephone: 502-564-6716
Date Made Active in Reports: 06/03/2020	Last EDR Contact: 05/19/2020
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/17/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites that have been accepted into the Voluntary Cleanup Program or have submitted an application.

Date of Government Version: 03/23/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/24/2020	Telephone: 502-564-6716
Date Made Active in Reports: 06/04/2020	Last EDR Contact: 06/24/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/12/2020
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Kentucky Brownfield Inventory

The Kentucky Brownfield Program has created an inventory of brownfield sites in order to market the properties to those interested in brownfield redevelopment. The Kentucky Brownfield Program is working to promote the redevelopment of these sites by helping to remove barriers that prevent reuse, providing useful information to communities, developers and the public and encouraging a climate that fosters redevelopment of contaminated sites.

Date of Government Version: 02/10/2020	Source: Division of Compliance Assistance
Date Data Arrived at EDR: 02/11/2020	Telephone: 502-564-0323
Date Made Active in Reports: 04/20/2020	Last EDR Contact: 07/08/2020
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/02/2020	Telephone: 202-566-2777
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 06/02/2020
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/28/2020
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities

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

Date of Government Version: 09/13/2019	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/23/2019	Telephone: 502-564-6716
Date Made Active in Reports: 01/03/2020	Last EDR Contact: 07/16/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Varies

HIST LF: Historical Landfills

This solid waste facility listing contains detail information that is not included in the landfill listing. A listing with detail information is no longer available by the Department of Environmental Protection.

Date of Government Version: 05/01/2003	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/30/2006	Telephone: 502-564-6716
Date Made Active in Reports: 05/01/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 32	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 07/21/2020
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Varies

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/14/2020
Number of Days to Update: 137	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 05/01/2020
Number of Days to Update: 176	Next Scheduled EDR Contact: 08/10/2020
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 03/18/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-307-1000
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 05/18/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Location Listing

Clandestine drug lab site locations.

Date of Government Version: 04/03/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/08/2020	Telephone: 502-564-6716
Date Made Active in Reports: 06/03/2020	Last EDR Contact: 05/19/2020
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/07/2020
	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: 03/18/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-307-1000
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 05/18/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/07/2020
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

SPILLS: State spills

A listing of spill and/or release related incidents.

Date of Government Version: 04/02/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 06/23/2020
Number of Days to Update: 77

Source: DEP, Emergency Response
Telephone: 502-564-2380
Last EDR Contact: 07/08/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

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: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/28/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
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: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 07/06/2020
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/15/2020
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/24/2020
	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: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/24/2020	Telephone: 202-566-1917
Date Made Active in Reports: 06/18/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/05/2020
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/04/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/17/2020
	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: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/08/2020
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 06/17/2020
Number of Days to Update: 198	Next Scheduled EDR Contact: 09/28/2020
	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: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: 202-566-0250
Date Made Active in Reports: 04/24/2020	Last EDR Contact: 05/21/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 08/31/2020
	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: 03/01/2020	Source: EPA
Date Data Arrived at EDR: 04/21/2020	Telephone: 202-564-4203
Date Made Active in Reports: 07/15/2020	Last EDR Contact: 07/21/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 11/02/2020
	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: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 703-416-0223
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/30/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/05/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/20/2019	Telephone: 202-564-8600
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 07/15/2020
Number of Days to Update: 149	Next Scheduled EDR Contact: 11/02/2020
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 06/30/2020
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/17/2020
	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: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 07/13/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/30/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

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: 10/25/2019	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/25/2019	Telephone: 301-415-7169
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 07/20/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/02/2020
	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: 12/31/2018	Source: Department of Energy
Date Data Arrived at EDR: 12/04/2019	Telephone: 202-586-8719
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 06/05/2020
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/14/2020
	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: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 06/01/2020
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/14/2020
	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: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/08/2020
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/17/2020
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 06/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/12/2020
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 07/27/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Quarterly

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: 06/30/2020	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 07/15/2020	Telephone: Varies
Date Made Active in Reports: 07/21/2020	Last EDR Contact: 07/06/2020
Number of Days to Update: 6	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015	Source: EPA/NTIS
Date Data Arrived at EDR: 02/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 09/28/2017	Last EDR Contact: 06/22/2020
Number of Days to Update: 218	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/07/2020
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/19/2020
	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: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 07/28/2020
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/16/2020
	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: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/18/2020
Number of Days to Update: 74	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/06/2020	Telephone: 703-603-8787
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 06/30/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/12/2020
	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 1931 and 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	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 02/11/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

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: 01/16/2018
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/29/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
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: 04/04/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 06/26/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
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: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/19/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

AIRS: Permitted Airs Facility Listing

A listing of permitted Airs facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/22/2020
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 502-573-3382
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Semi-Annually

ASBESTOS: Asbestos Notification Listing Asbestos sites

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 06/04/2020
Number of Days to Update: 6

Source: Department of Environmental Protection
Telephone: 502-782-6780
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites A listing of coal ash pond site locations.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/20/2020
Date Made Active in Reports: 05/06/2020
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner Listing A listing of drycleaner facility locations.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/22/2020
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 502-573-3382
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing A listing of financial assurance information.

Date of Government Version: 04/17/2020
Date Data Arrived at EDR: 04/20/2020
Date Made Active in Reports: 07/07/2020
Number of Days to Update: 78

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing Financial Assurance information for underground storage tank 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: 05/14/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 06/24/2014
Number of Days to Update: 18

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing A listing of 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: 05/08/2020
Date Data Arrived at EDR: 05/08/2020
Date Made Active in Reports: 07/22/2020
Number of Days to Update: 75

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD: Environmental Lead Program Report Tracking Database
Lead Report Tracking Database

Date of Government Version: 01/27/2017	Source: Department of Public Health
Date Data Arrived at EDR: 02/02/2017	Telephone: 502-564-4537
Date Made Active in Reports: 08/21/2017	Last EDR Contact: 07/28/2020
Number of Days to Update: 200	Next Scheduled EDR Contact: 11/16/2020
	Data Release Frequency: Varies

NPDES: Permitted Facility Listing
A listing of permitted wastewater facilities.

Date of Government Version: 04/27/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/29/2020	Telephone: 502-564-3410
Date Made Active in Reports: 07/16/2020	Last EDR Contact: 07/28/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/16/2020
	Data Release Frequency: Semi-Annually

UIC: UIC Information
A listing of wells identified as underground injection wells, in the Kentucky Oil & Gas Wells data base.

Date of Government Version: 01/14/2020	Source: Kentucky Geological Survey
Date Data Arrived at EDR: 04/14/2020	Telephone: 859-323-0544
Date Made Active in Reports: 07/01/2020	Last EDR Contact: 07/14/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018	Source: USGS
Date Data Arrived at EDR: 10/21/2019	Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 05/21/2020
Number of Days to Update: 3	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 07/01/2020
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 07/09/2020
Number of Days to Update: 120	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 07/14/2011	Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011	Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 06/08/2020
Number of Days to Update: 55	Next Scheduled EDR Contact: 09/21/2020
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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.

Date of Government Version: N/A	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: N/A	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 05/12/2020	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/12/2020	Telephone: 860-424-3375
Date Made Active in Reports: 07/27/2020	Last EDR Contact: 05/12/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/24/2020
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 07/09/2020
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/19/2020
	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: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/29/2020	Telephone: 518-402-8651
Date Made Active in Reports: 07/10/2020	Last EDR Contact: 04/29/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/10/2020
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2019	Telephone: 717-783-8990
Date Made Active in Reports: 09/10/2019	Last EDR Contact: 07/09/2020
Number of Days to Update: 53	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/04/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

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

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

Nursing Homes

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

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

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Daycare Centers: Certified Child Care Homes

Source: Cabinet for Families & Children
Telephone: 502-564-7130

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory

Source: Environmental & Public Protection Cabinet

Telephone: 502-564-6736

STREET AND ADDRESS INFORMATION

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APPENDIX D
Topographic Maps

Sebree Solar
Sebree Solar
Robards, KY 42452

Inquiry Number: 6141055.5
July 31, 2020

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report**Site Name:**

Sebree Solar
 Sebree Solar
 Robards, KY 42452
 EDR Inquiry # 6141055.5

Client Name:

ECT
 3399 Veterans Drive
 Traverse City, MI 49684
 Contact: Maura Gibbons



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ECT were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	200196	Latitude:	37.6887 37° 41' 19" North
Project:	200196	Longitude:	-87.5609 -87° 33' 39" West
		UTM Zone:	Zone 16 North
		UTM X Meters:	450546.84
		UTM Y Meters:	4171424.55
		Elevation:	409.00' above sea level

Maps Provided:

2013
 1969
 1951
 1949
 1948
 1906

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets



Robards
2013
7.5-minute, 24000

1969 Source Sheets



Robards
1969
7.5-minute, 24000
Aerial Photo Revised 1968

1951 Source Sheets



Robards
1951
7.5-minute, 24000
Aerial Photo Revised 1946

1949 Source Sheets



Robards
1949
7.5-minute, 24000
Aerial Photo Revised 1946

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1948 Source Sheets

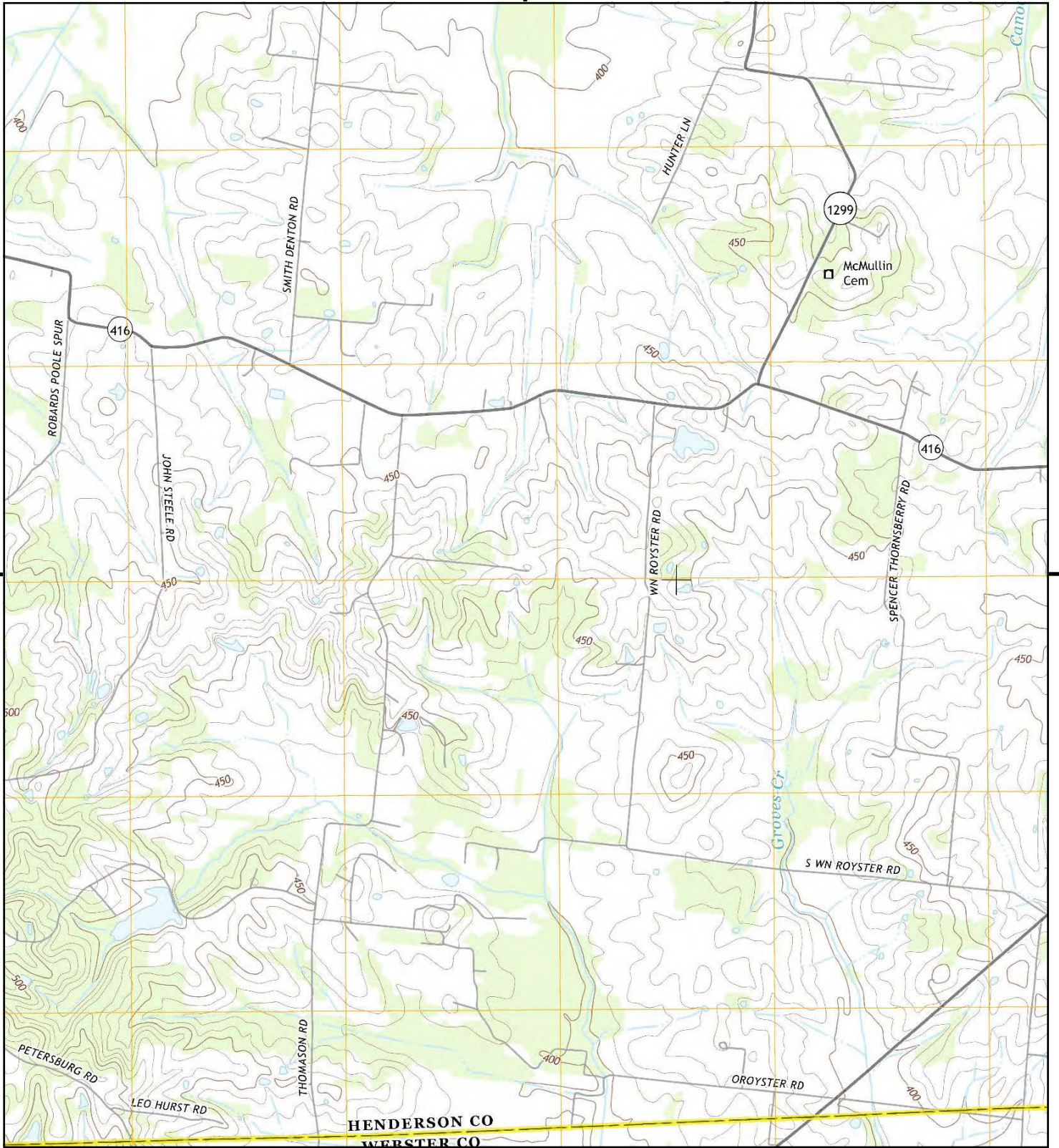


SEBREE
1948
15-minute, 50000

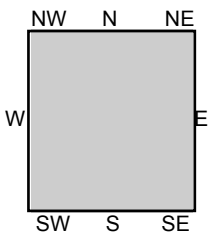
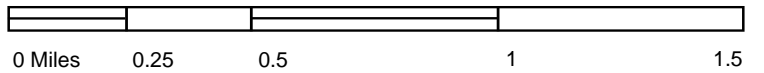
1906 Source Sheets



Sebree
1906
15-minute, 62500



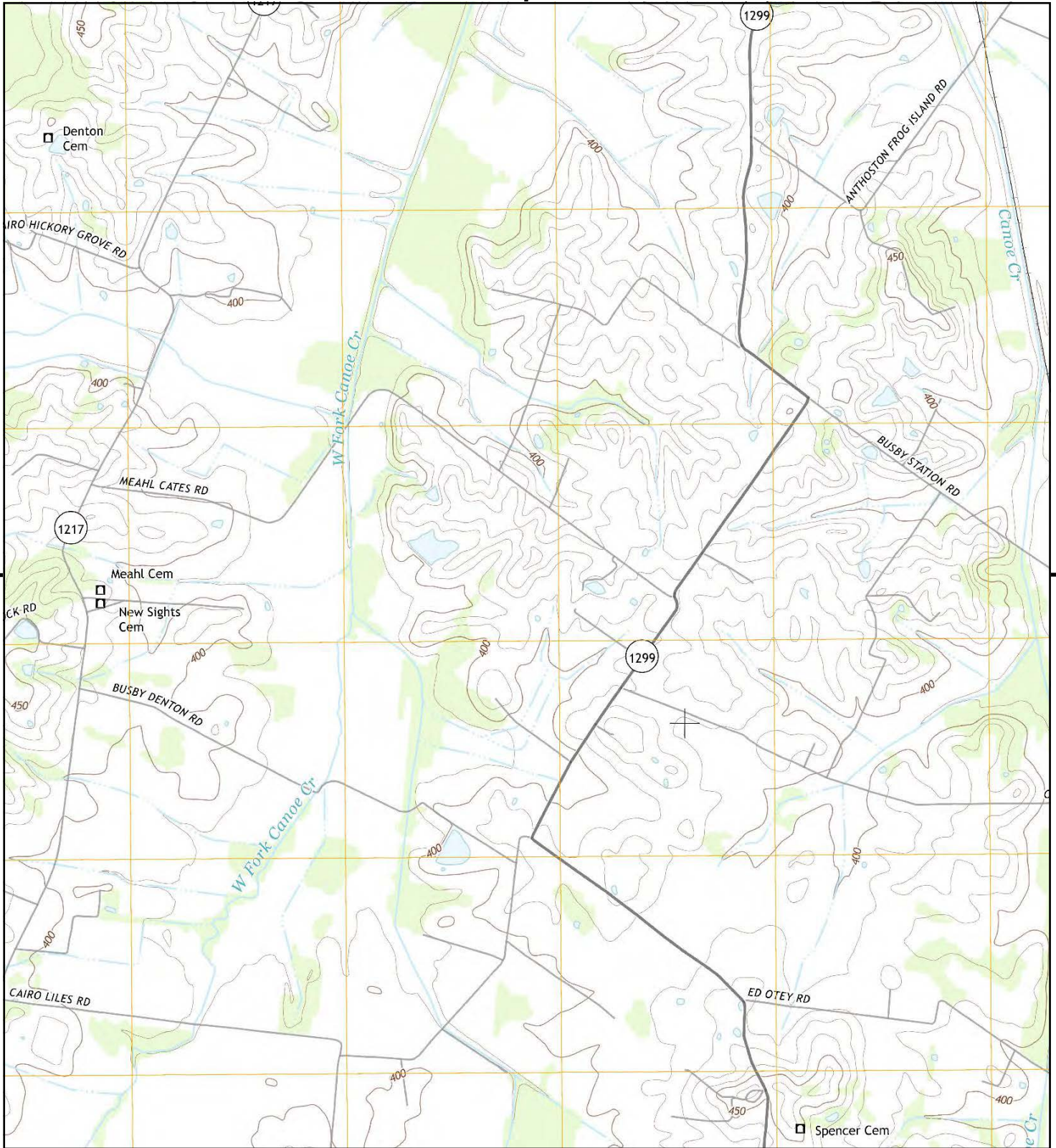
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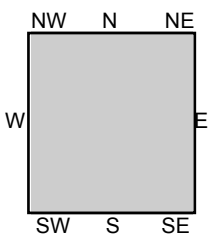
TP, Robards, 2013, 7.5-minute

SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





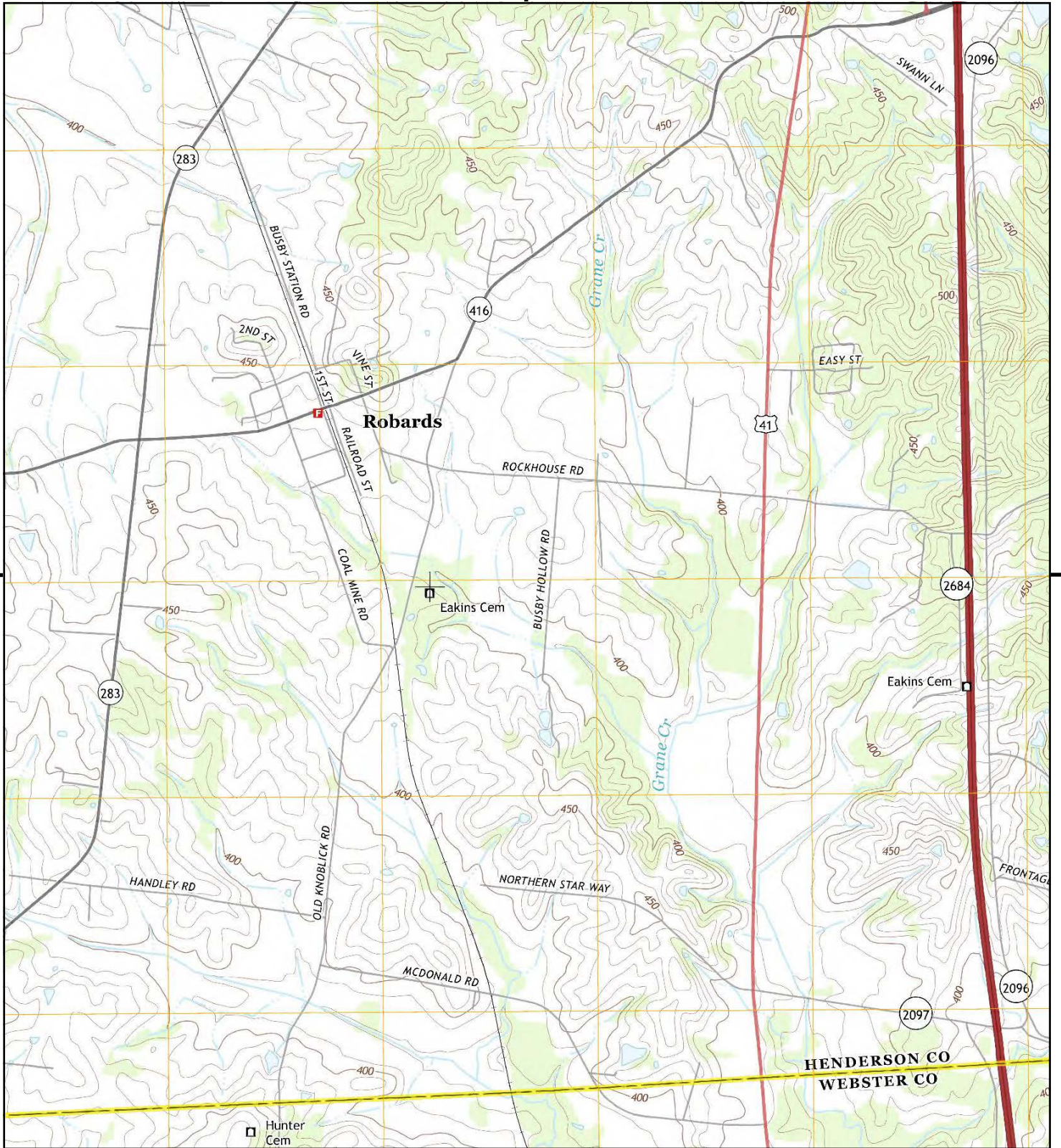
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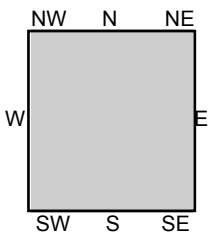
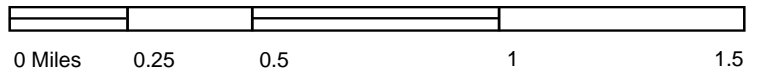
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SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





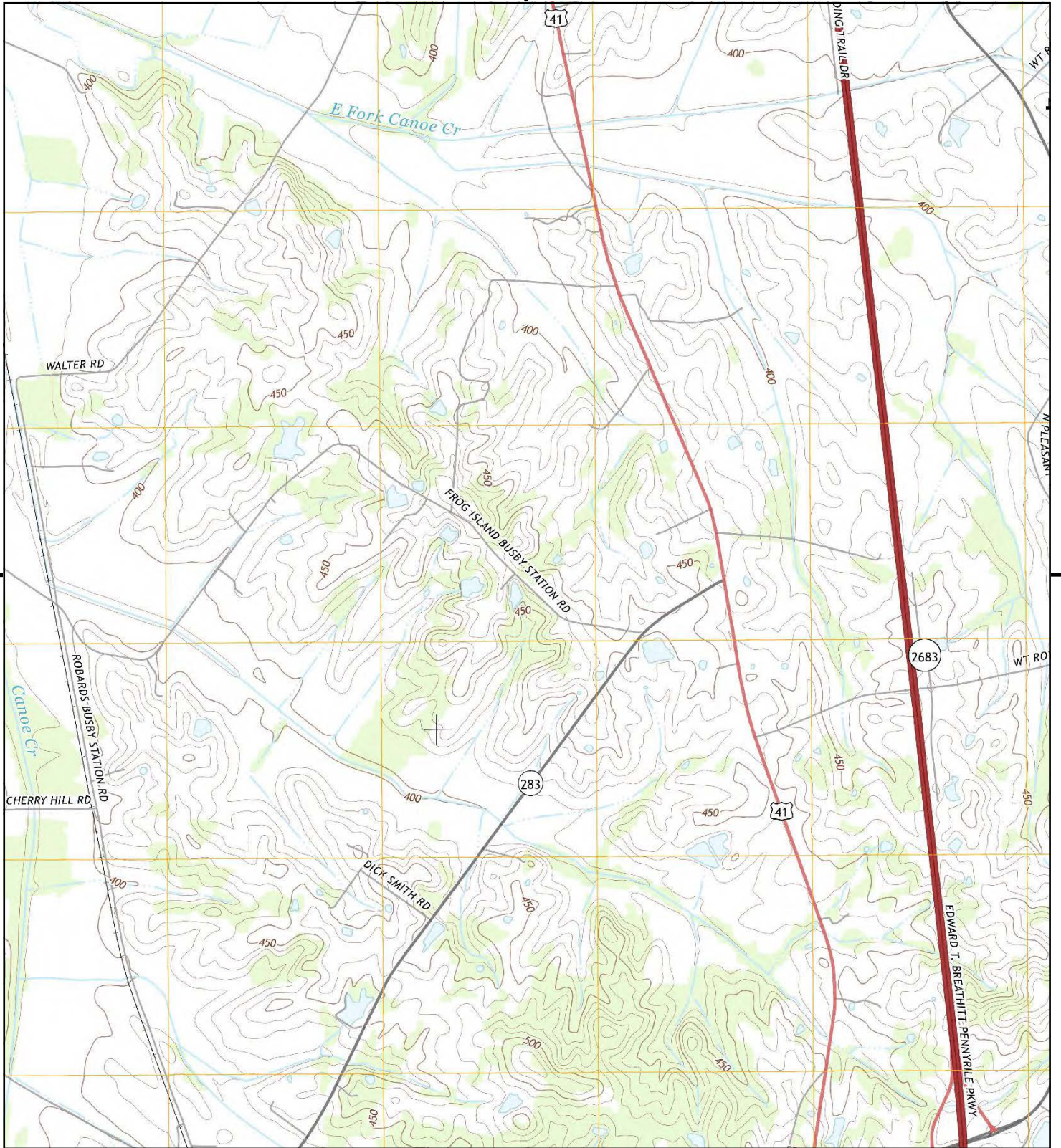
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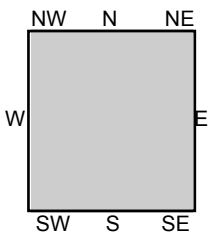
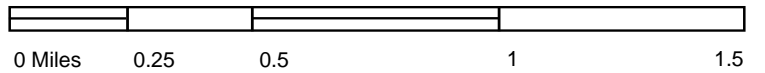
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ADDRESS: Sebree Solar
 Robards, KY 42452
CLIENT: ECT





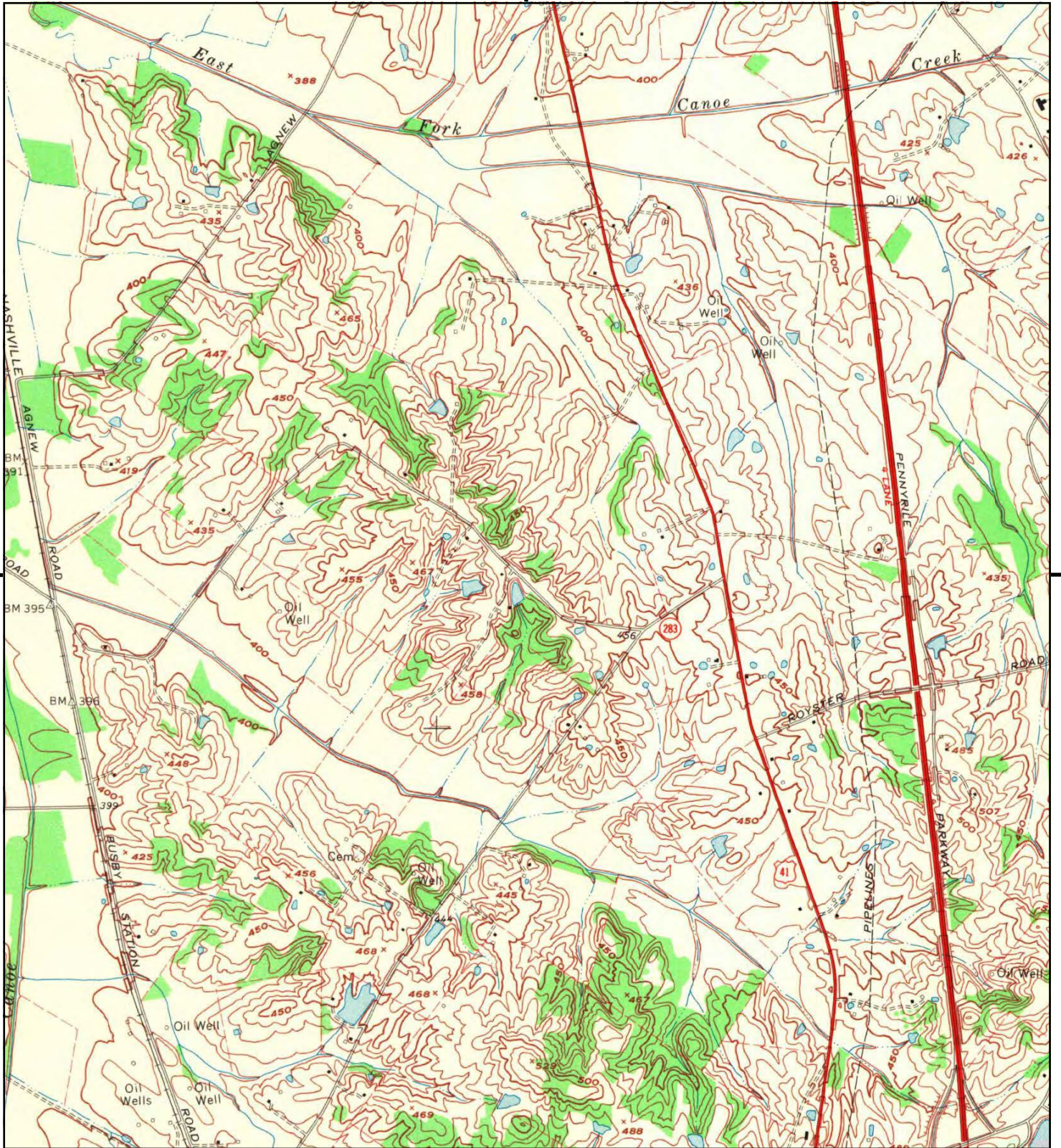
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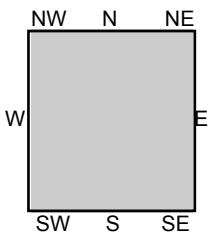
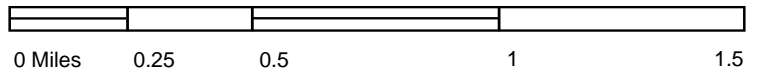
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SITE NAME: Sebree Solar
ADDRESS: Sebree Solar
 Robards, KY 42452
CLIENT: ECT





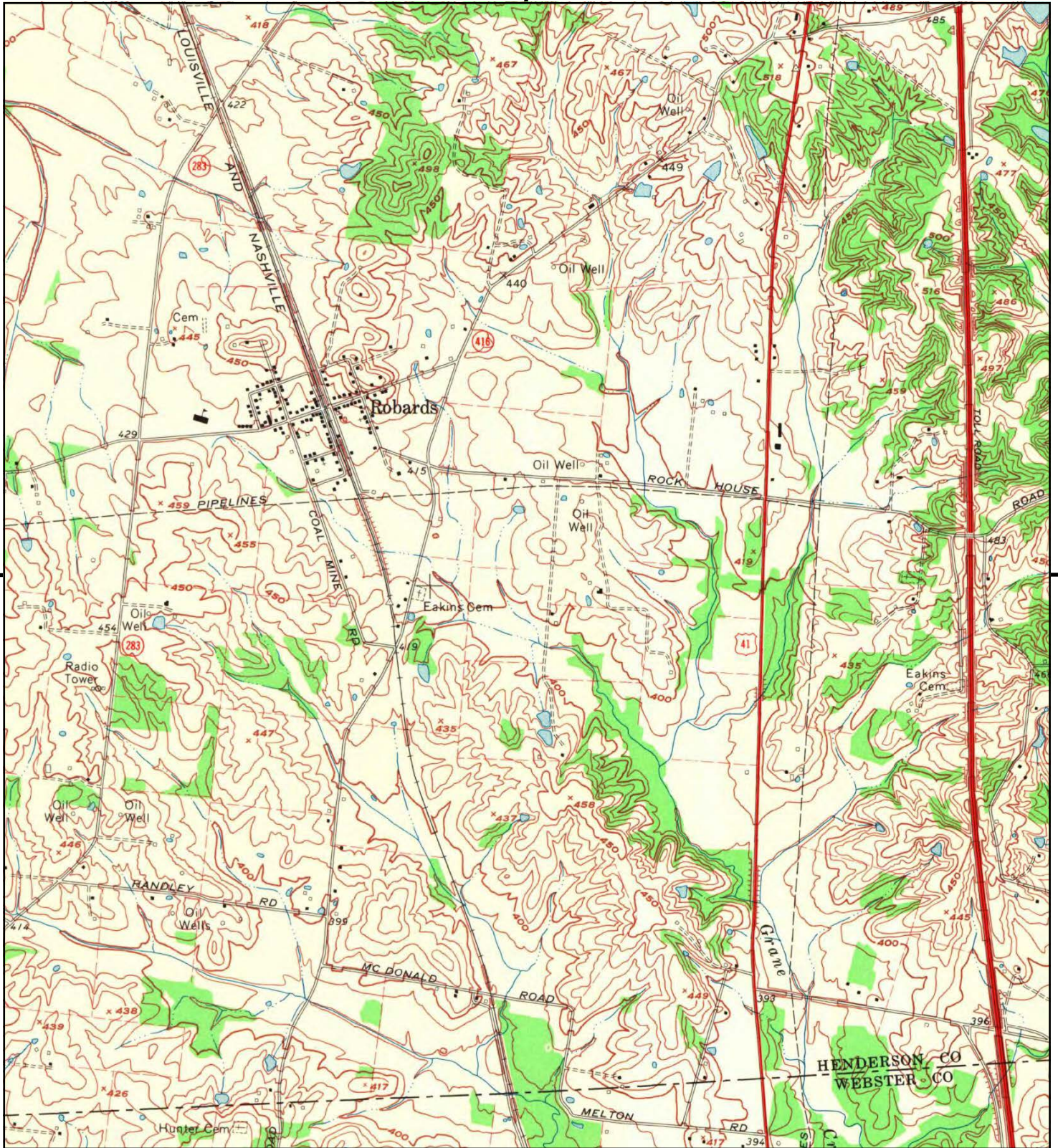
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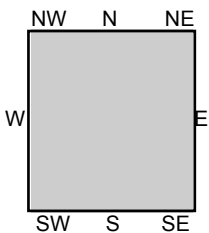
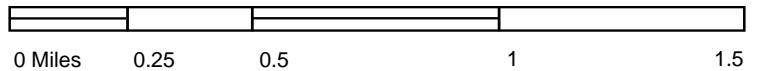
TP, Robards, 1969, 7.5-minute

SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





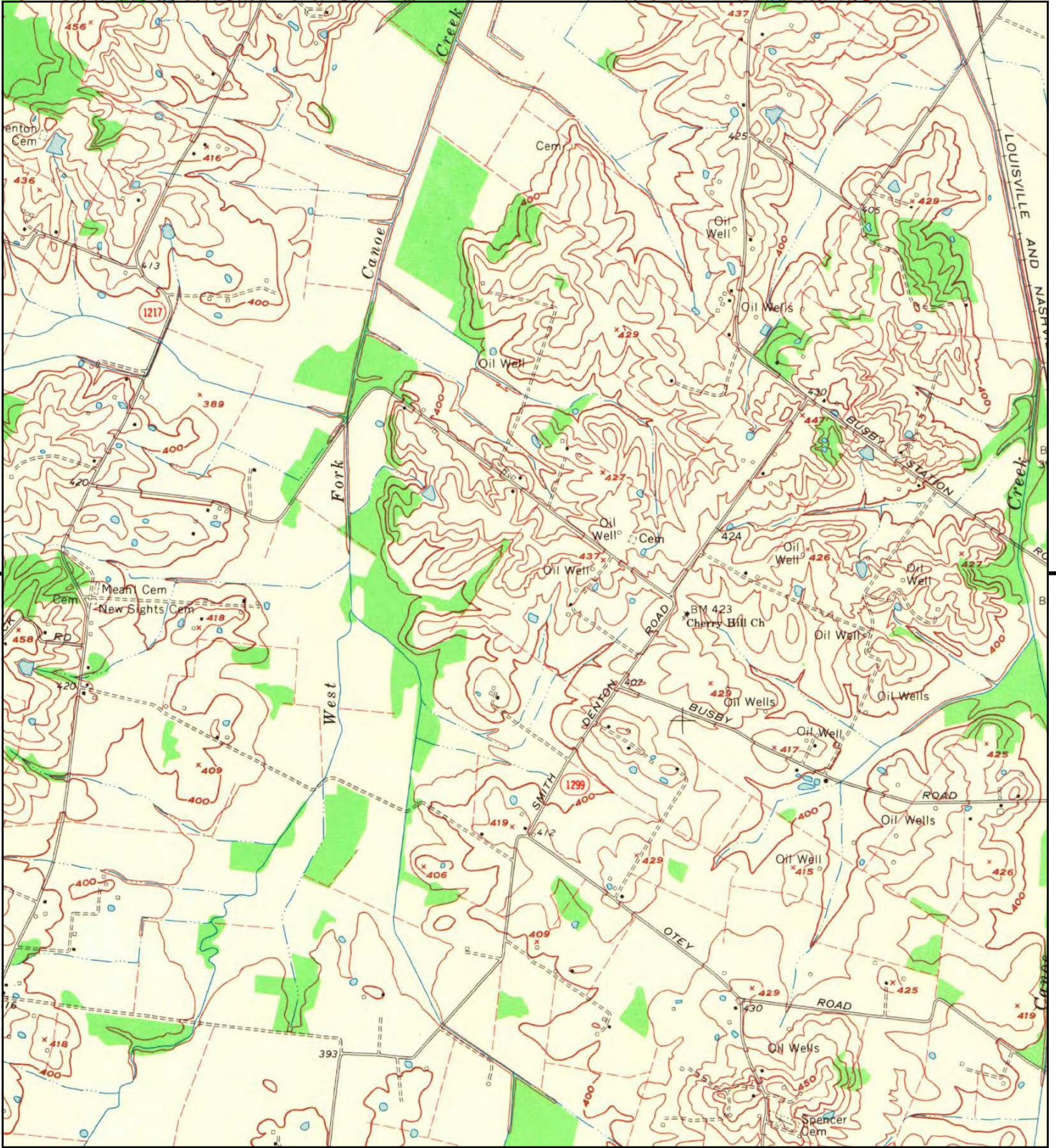
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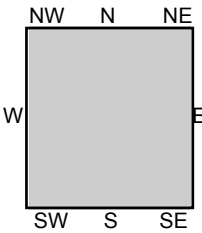
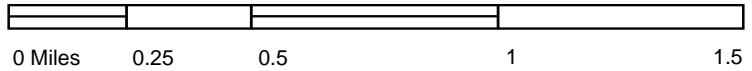
TP, Robards, 1969, 7.5-minute

SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





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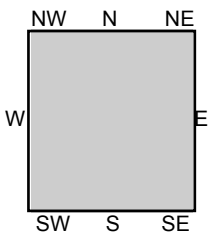
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ADDRESS: Sebree Solar
Robards, KY 42452
CLIENT: ECT





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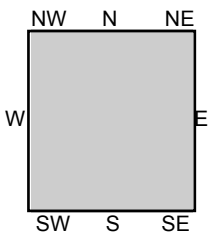
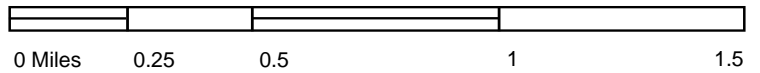
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 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





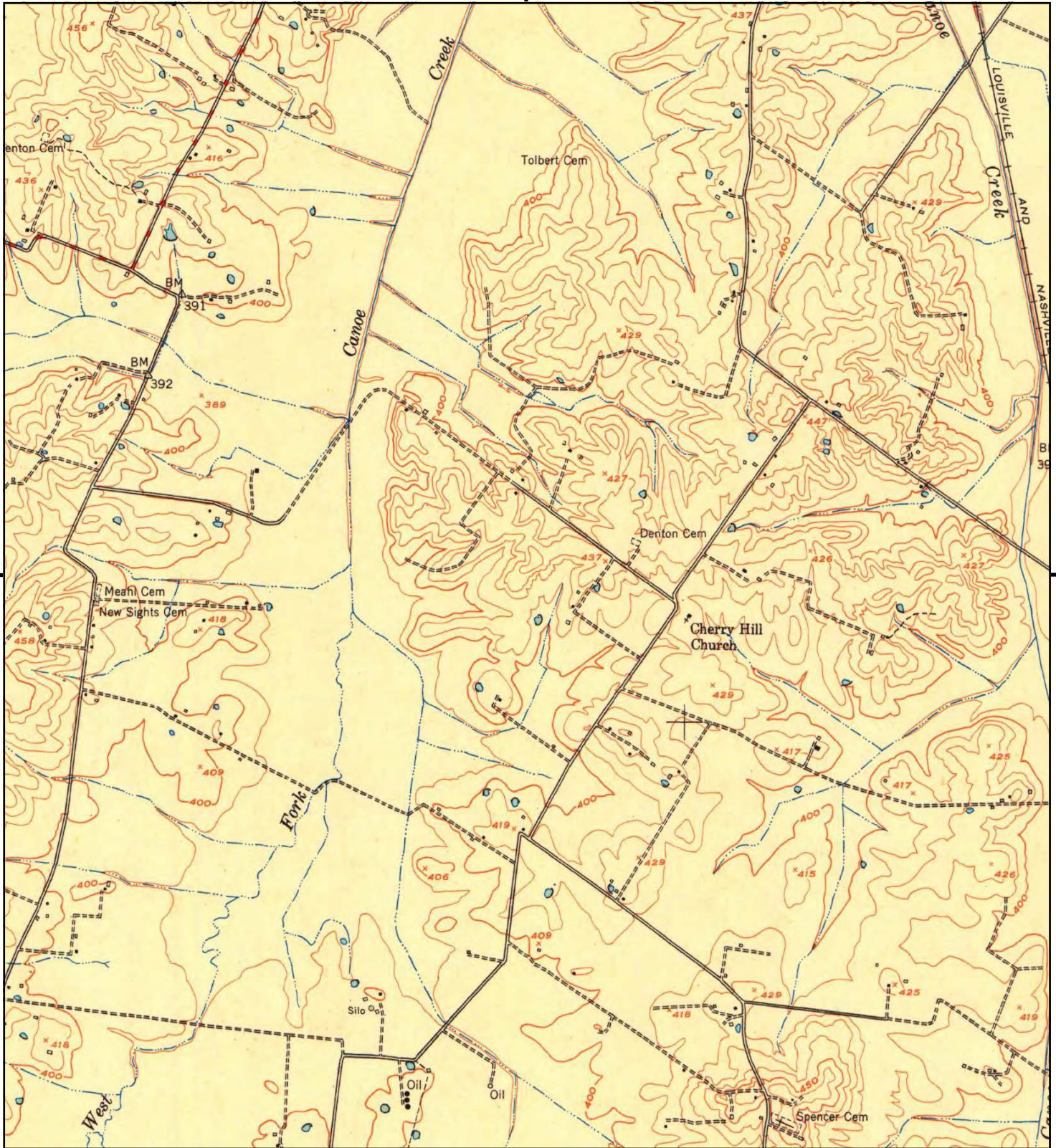
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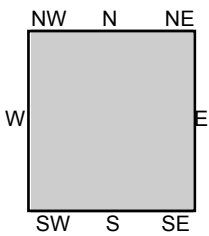
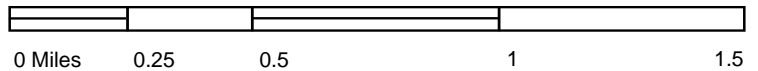
TP, Robards, 1951, 7.5-minute

SITE NAME: Sebree Solar
ADDRESS: Sebree Solar
Robards, KY 42452
CLIENT: ECT





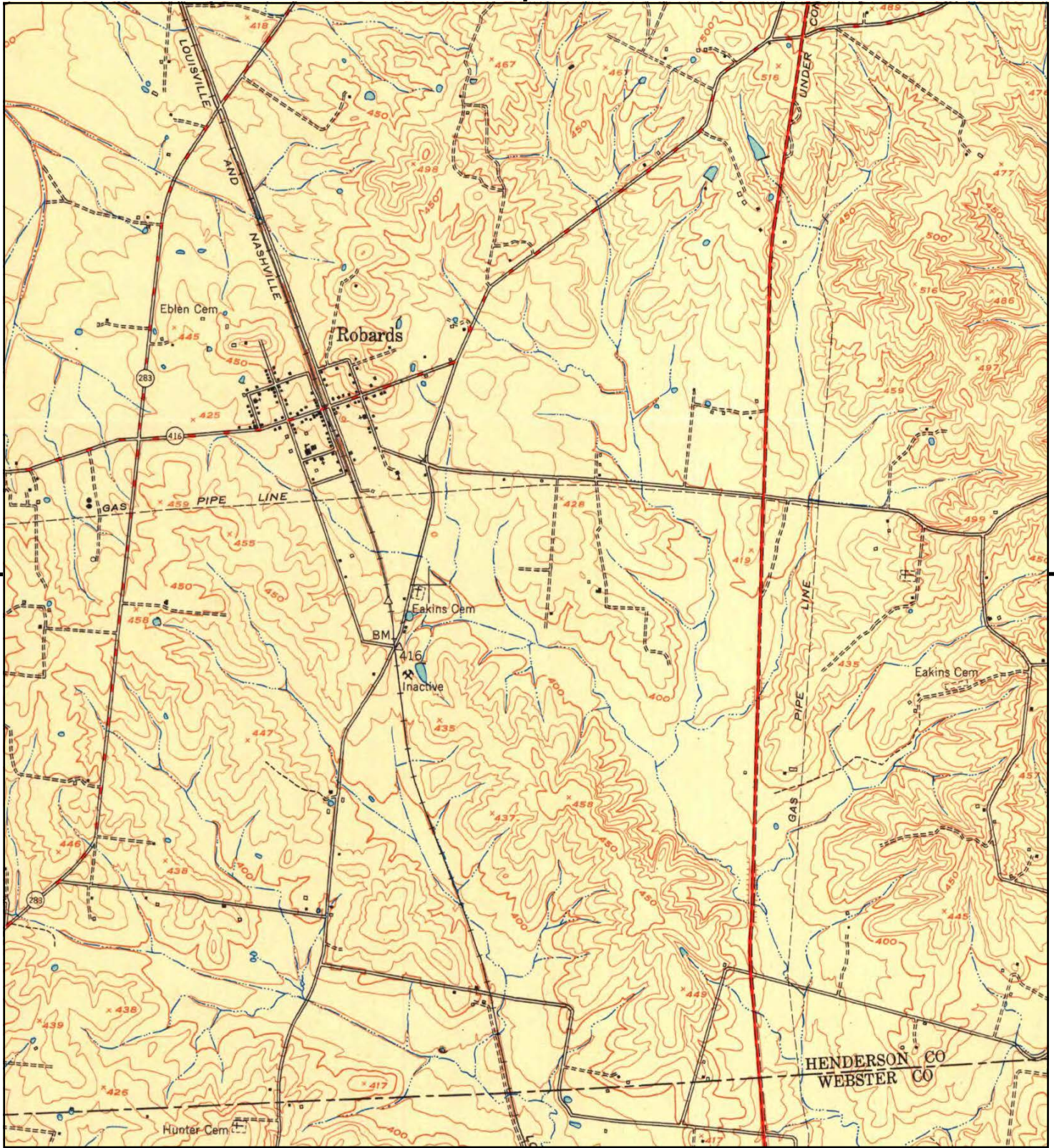
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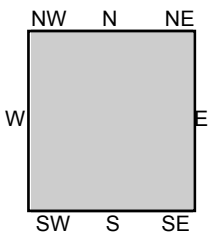
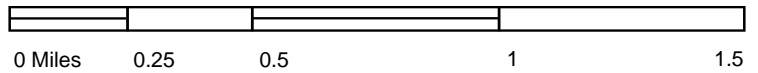
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SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





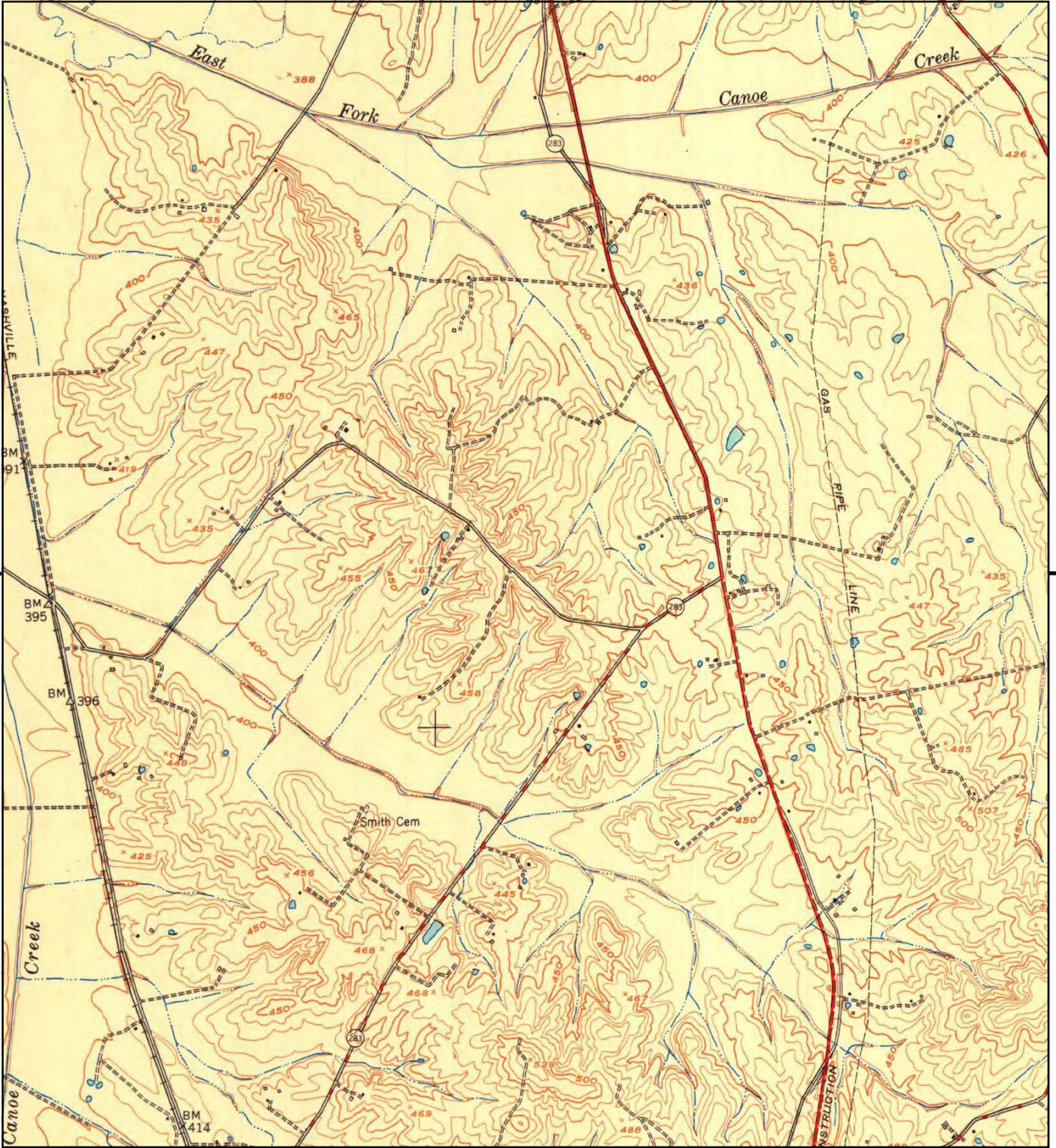
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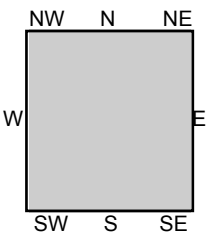
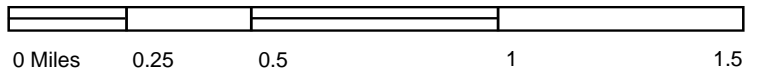
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SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





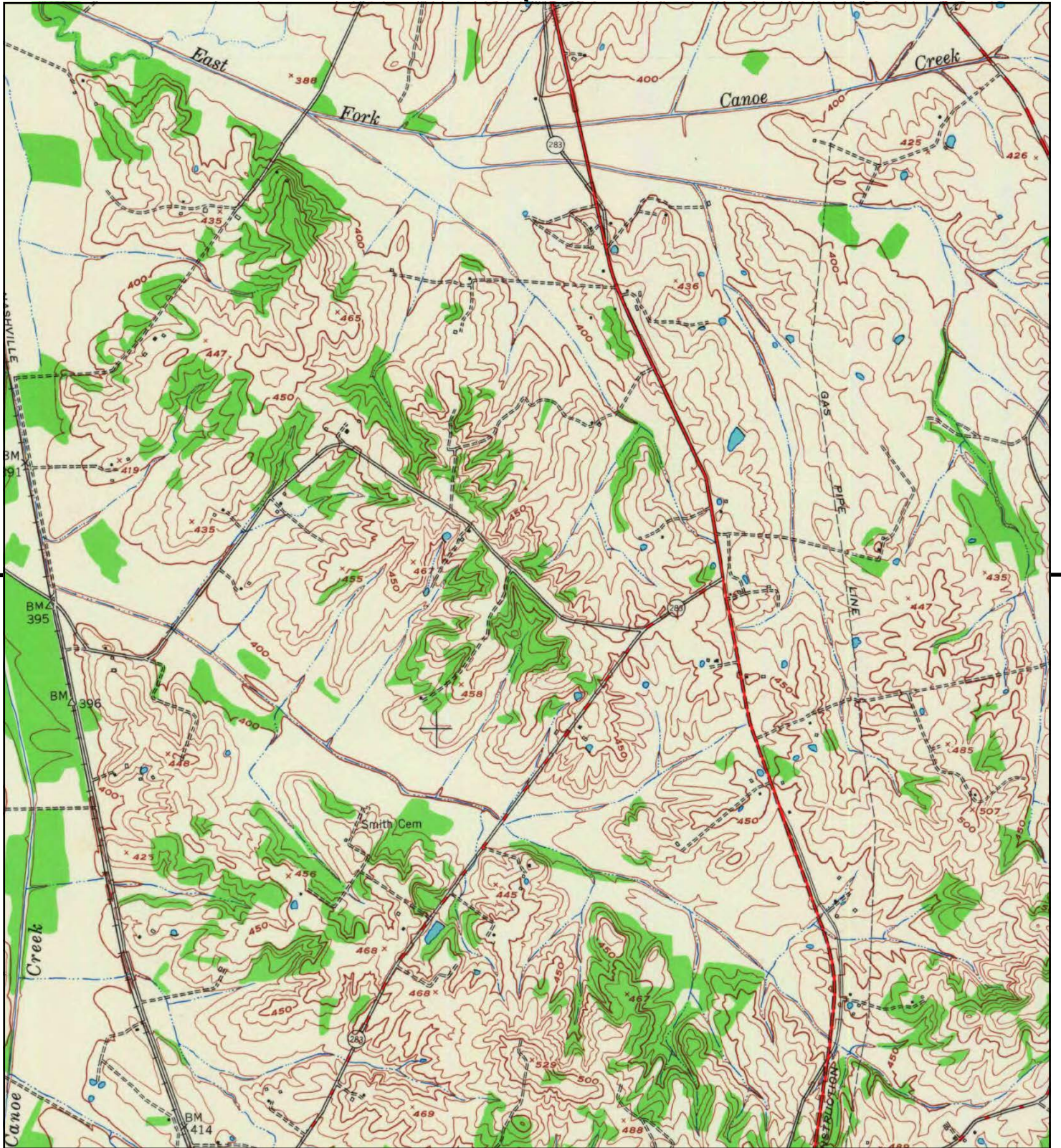
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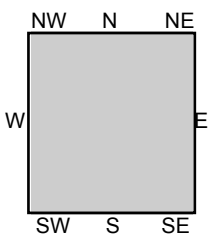
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SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





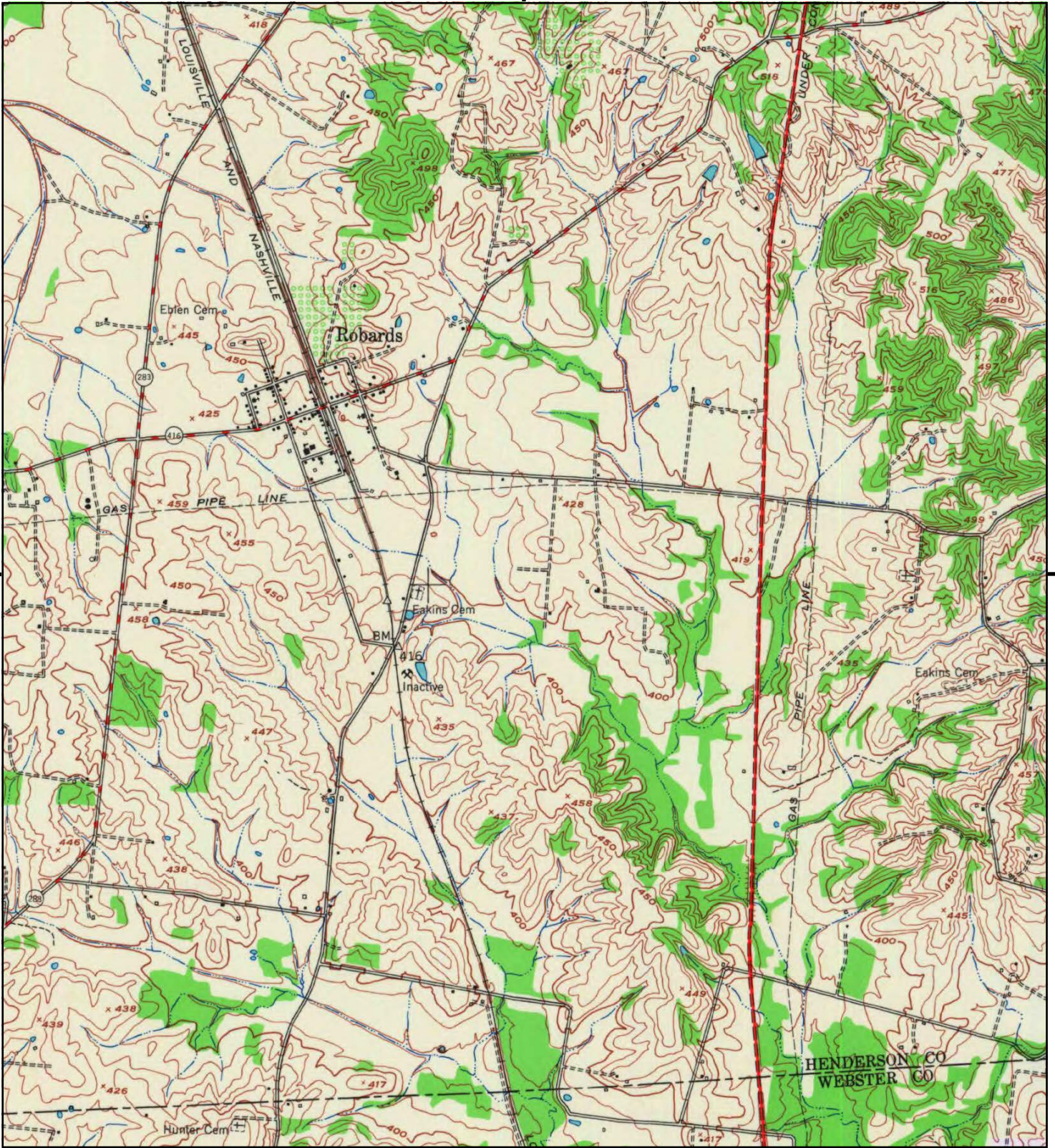
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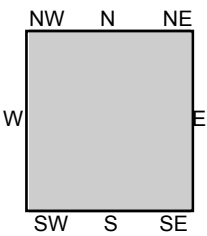
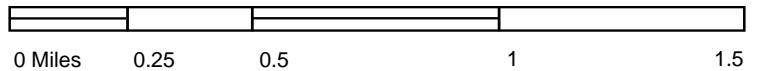
TP, Robards, 1949, 7.5-minute

SITE NAME: Sebree Solar
ADDRESS: Sebree Solar
Robards, KY 42452
CLIENT: ECT





This report includes information from the following map sheet(s).



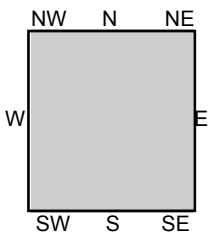
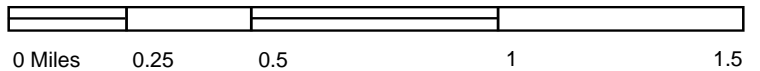
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SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





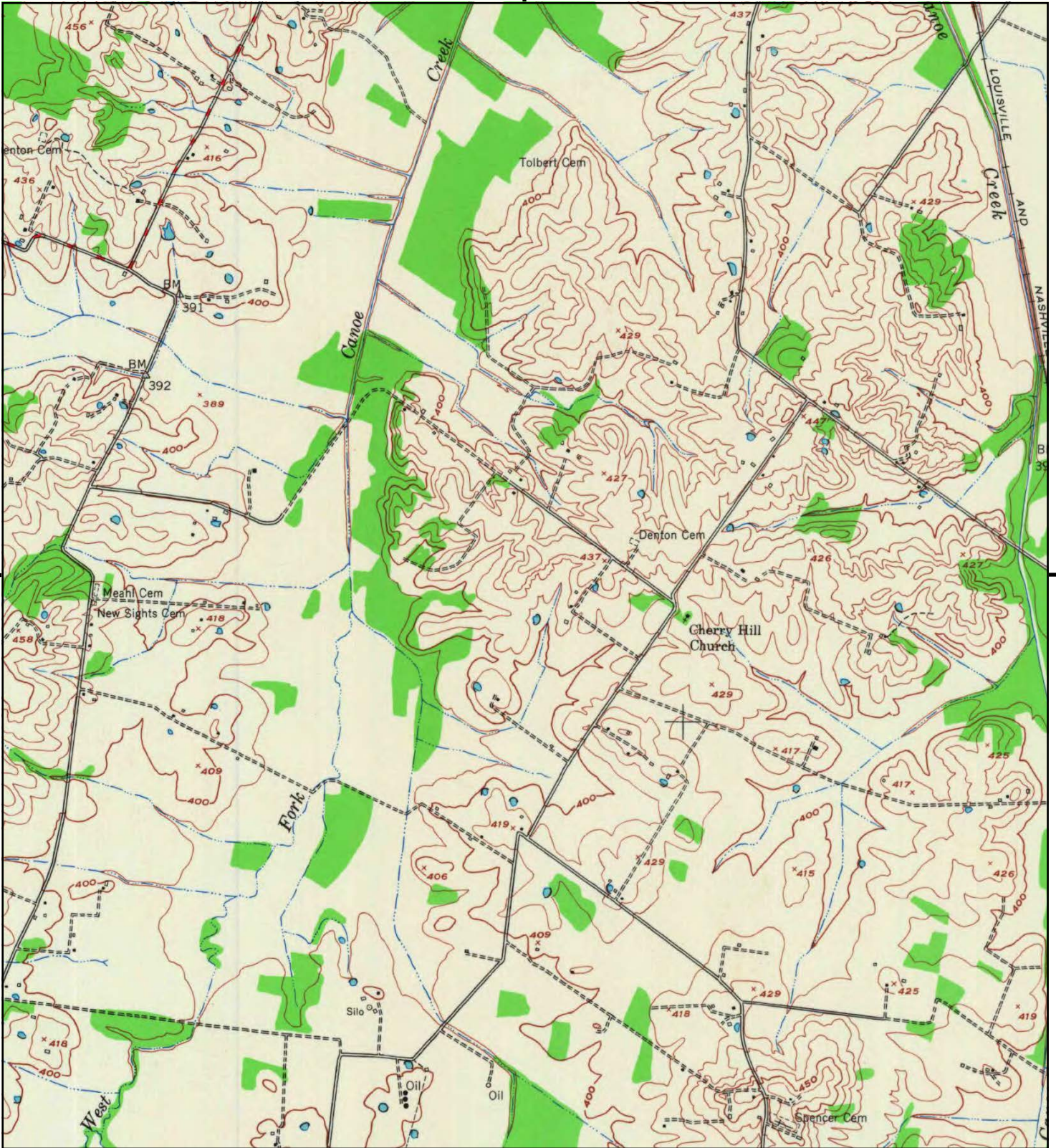
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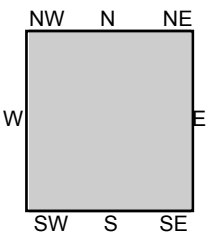
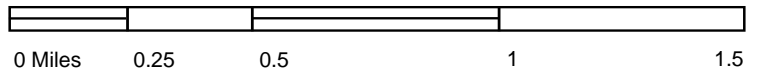
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SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





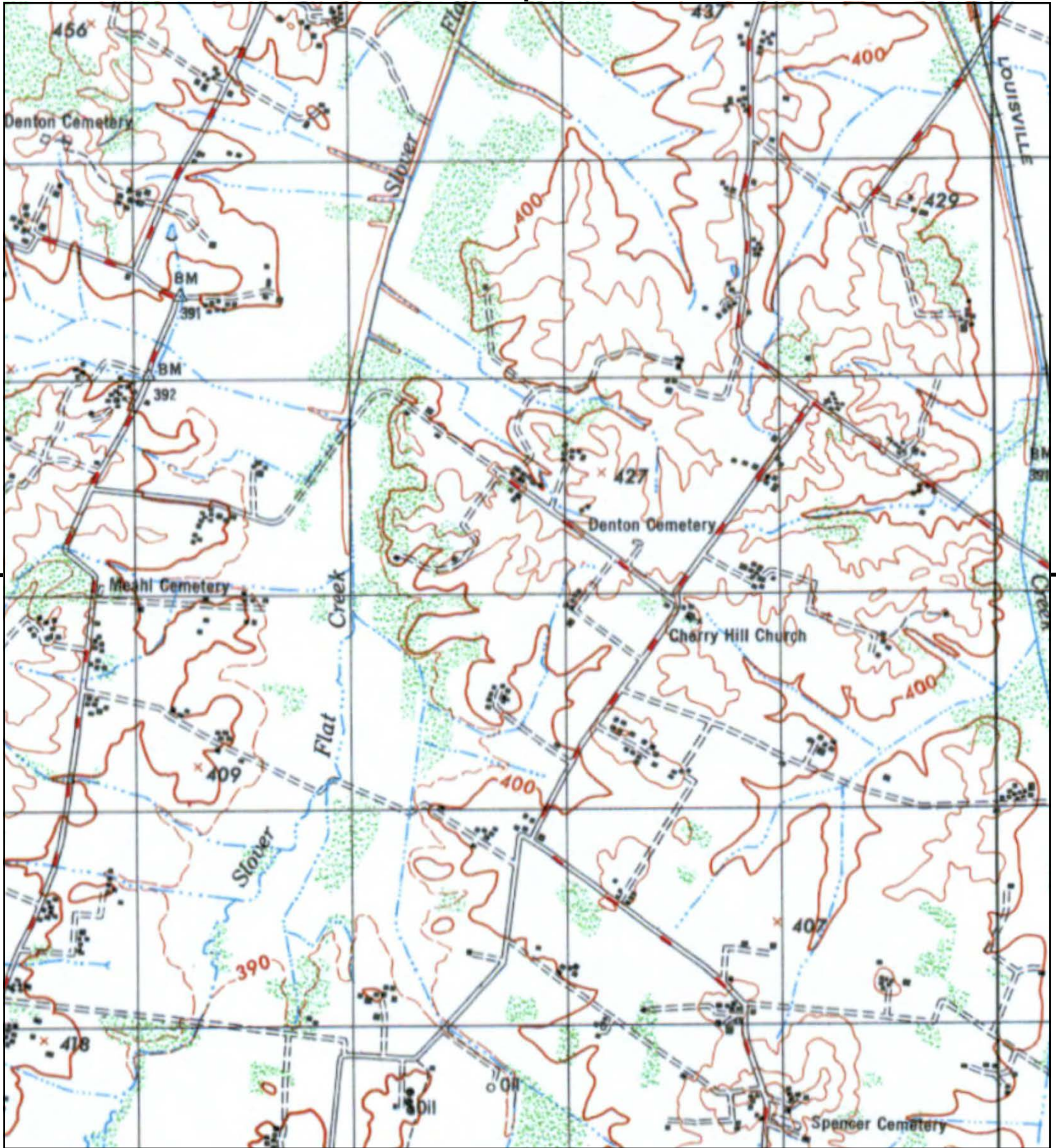
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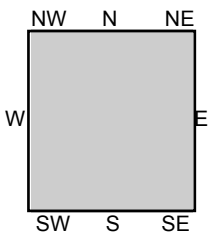
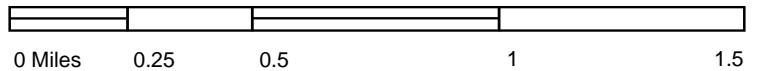
TP, Robards, 1949, 7.5-minute

SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





This report includes information from the following map sheet(s).



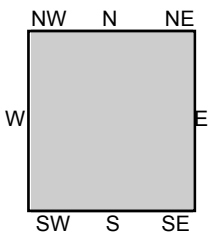
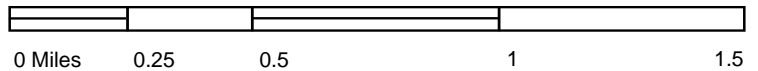
TP, SEBREE, 1948, 15-minute

SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





This report includes information from the following map sheet(s).



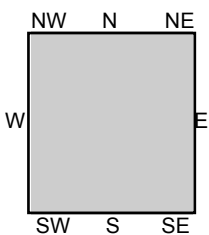
TP, SEBREE, 1948, 15-minute

SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





This report includes information from the following map sheet(s).



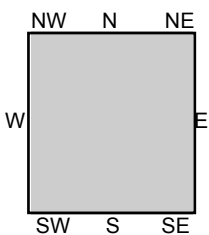
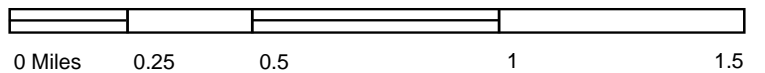
TP, SEBREE, 1948, 15-minute

SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





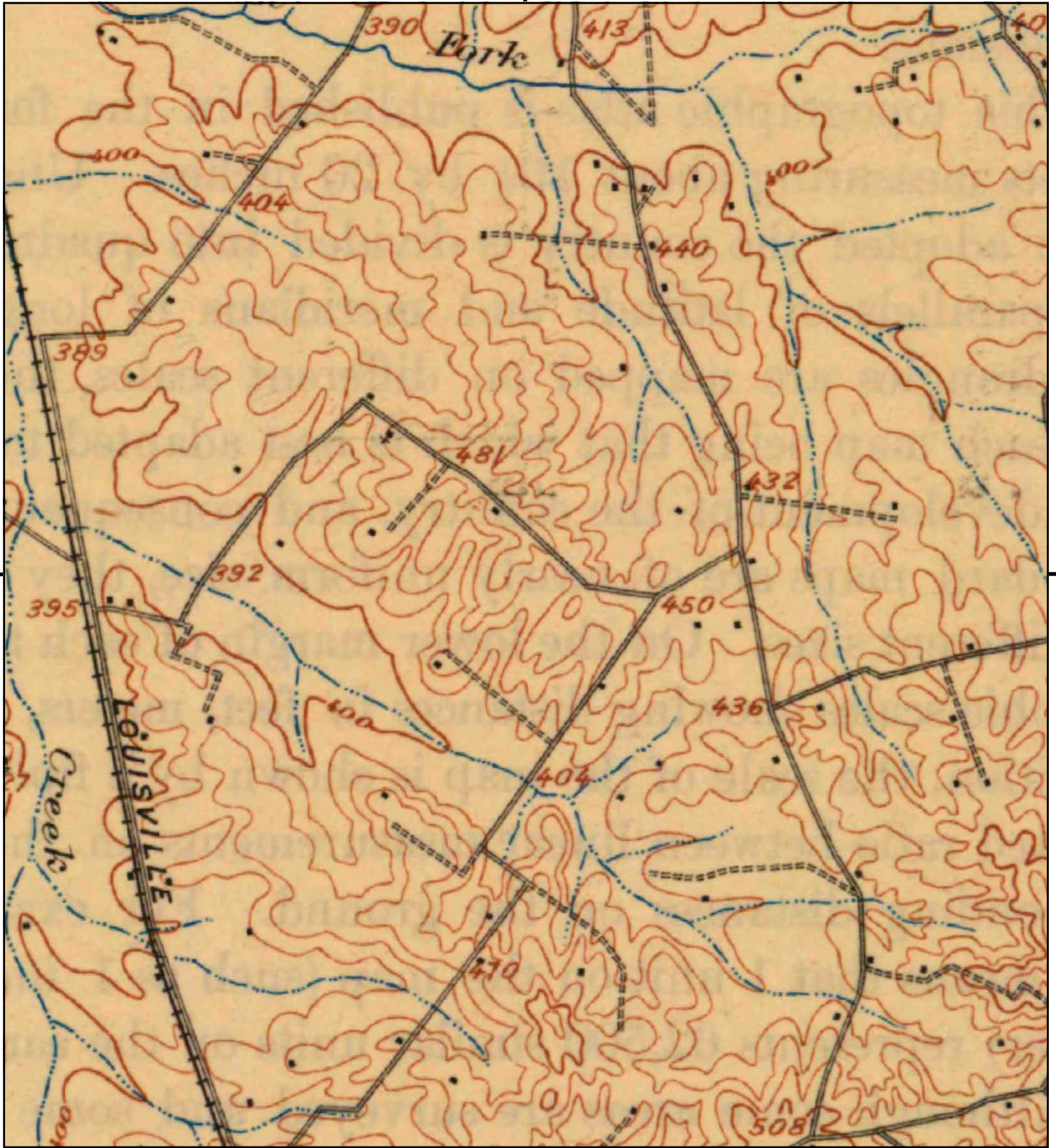
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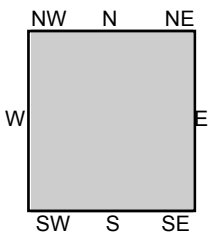
TP, SEBREE, 1948, 15-minute

SITE NAME: Sebree Solar
ADDRESS: Sebree Solar
Robards, KY 42452
CLIENT: ECT





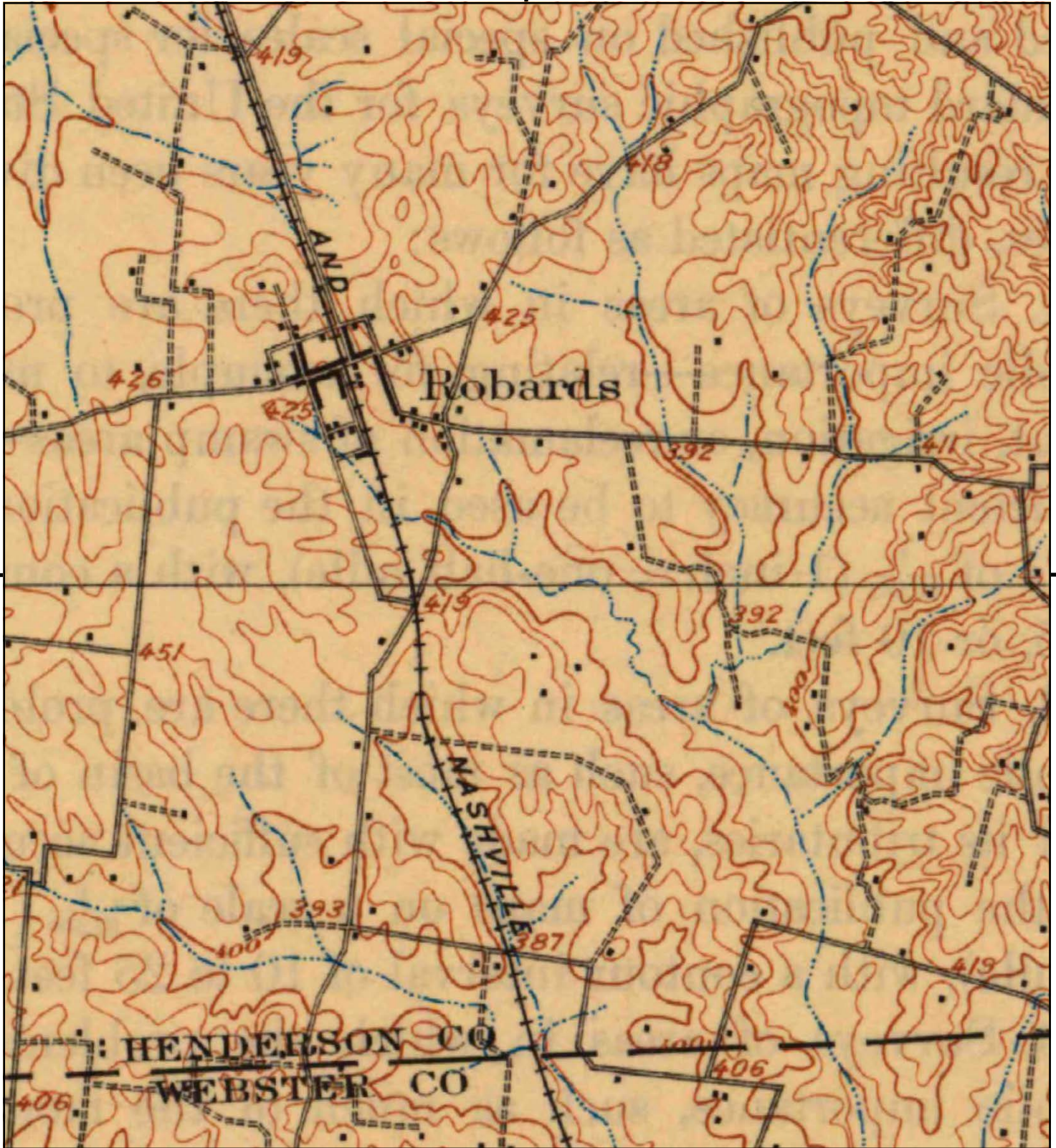
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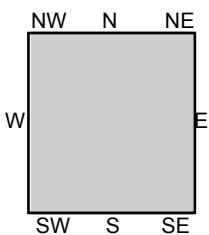
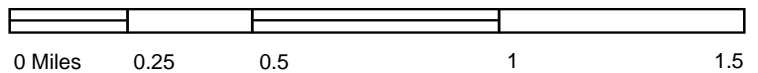
TP, Sebree, 1906, 15-minute

SITE NAME: Sebree Solar
ADDRESS: Sebree Solar
Robards, KY 42452
CLIENT: ECT





This report includes information from the following map sheet(s).



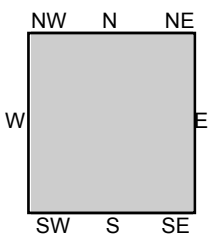
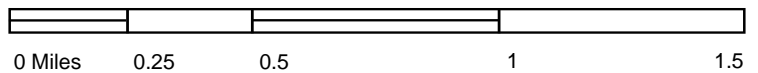
TP, Sebree, 1906, 15-minute

SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT





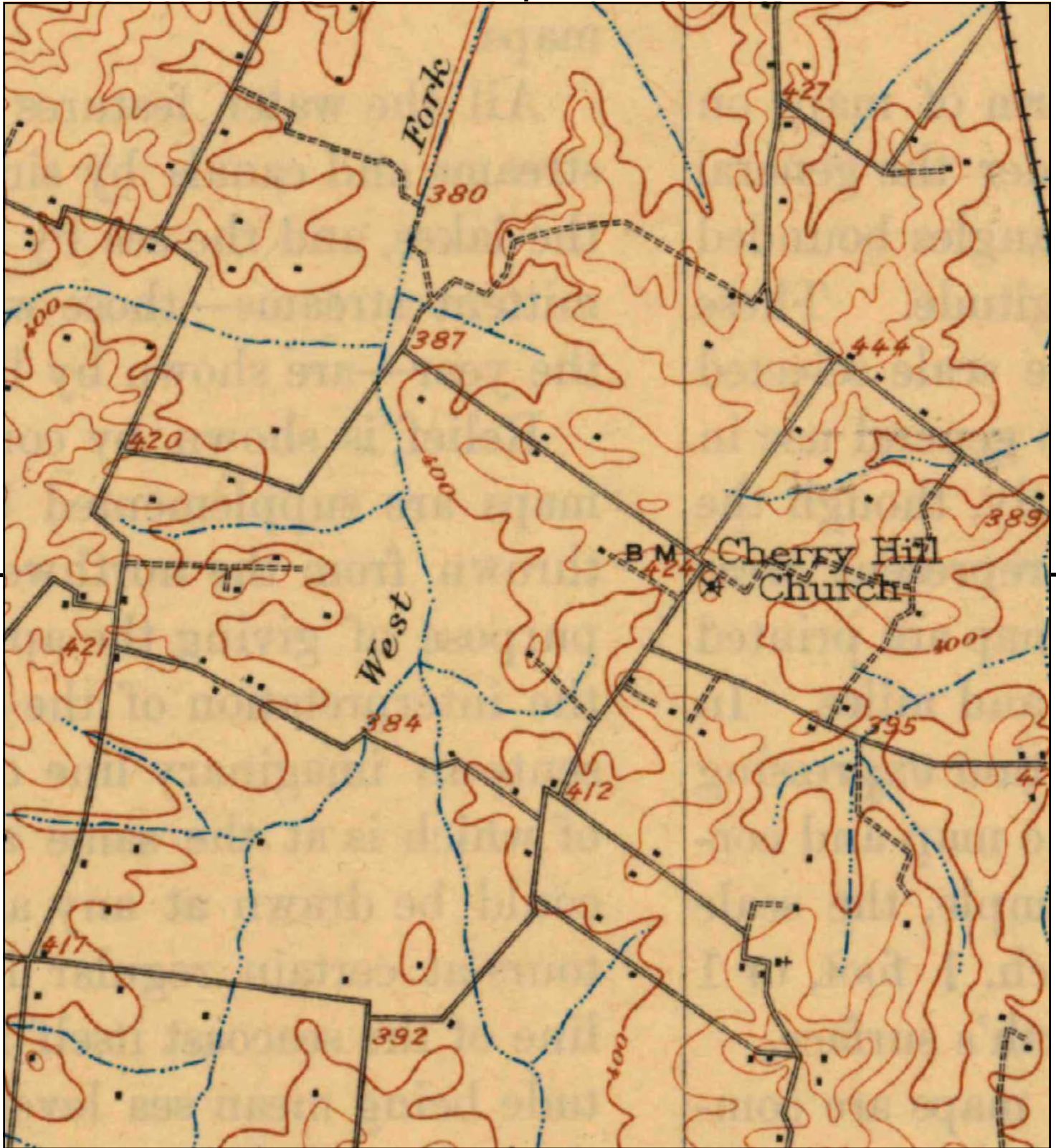
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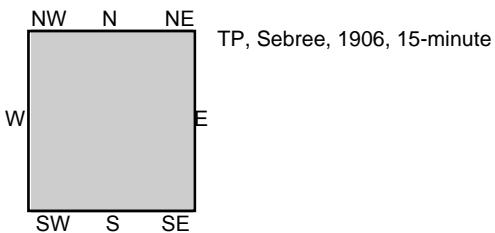
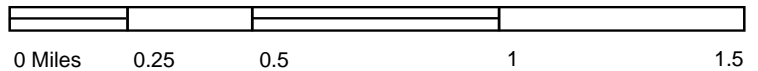
TP, Sebree, 1906, 15-minute

SITE NAME: Sebree Solar
ADDRESS: Sebree Solar
Robards, KY 42452
CLIENT: ECT





This report includes information from the following map sheet(s).



SITE NAME: Sebree Solar
 ADDRESS: Sebree Solar
 Robards, KY 42452
 CLIENT: ECT



APPENDIX E
Aerial Photographs

Sebree Solar

Sebree Solar

Robards, KY 42452

Inquiry Number: 6141055.6

August 04, 2020

The EDR Aerial Photo Decade Package



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

Date EDR Searched Historical Sources:

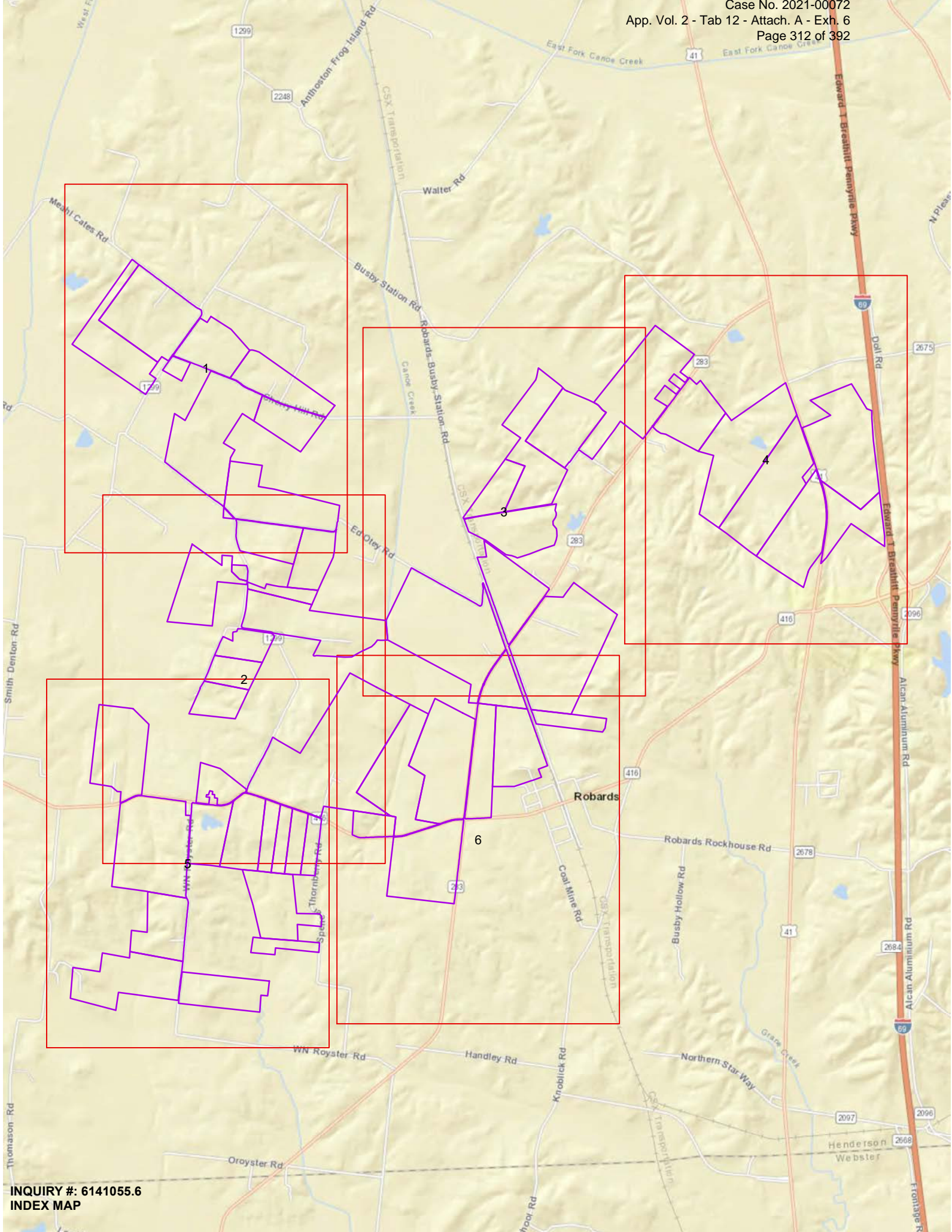
Aerial Photography August 04, 2020

Target Property:

Sebree Solar

Robards, KY 42452

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1956	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1956	USGS/DOQQ
1968	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1968	USGS/DOQQ
1983	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1983	USGS/DOQQ
1998	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1998	USGS/DOQQ
2008	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2008	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2012	USDA/NAIP
2016	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2016	USDA/NAIP



INQUIRY #: 6141055.6
INDEX MAP







INQUIRY #: 6141055.6
YEAR: 1956
SCALE: 1"=1000'











INQUIRY #: 6141055.6
YEAR: 1968
SCALE: 1"=1000'













INQUIRY #: 6141055.6
YEAR: 1983
SCALE: 1"=1000'



INQUIRY #: 6141055.6
YEAR: 1983
SCALE: 1"=1000





























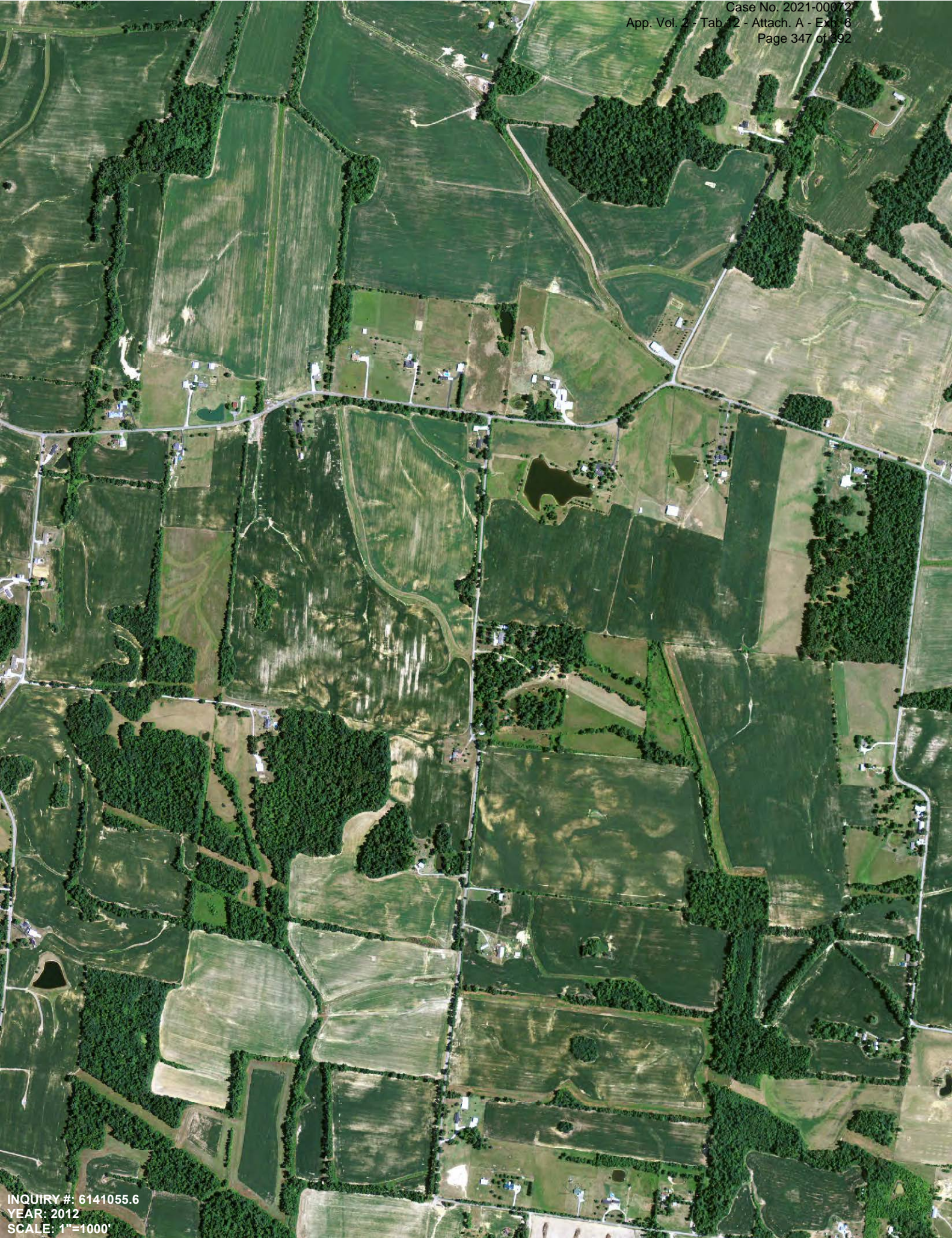


























APPENDIX F

Site Photographs

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No. 200196-0800
Photo No. 1	Date: 10/14/20		
Direction Photo Taken: North			
Description: The Subject Property is mostly used as agricultural land.			

Photo No. 2	Date: 10/15/20	
Direction Photo Taken: South		
Description: The Subject Property is mostly used as agricultural land.		

PHOTOGRAPHIC LOG


Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 3	Date: 10/14/20		
Direction Photo Taken: Northwest			
Description: Abandoned and occupied farmstead structures are scattered throughout the Subject Property.			

Photo No.: 4	Date: 10/14/20		
Direction Photo Taken: West			
Description: Some parcels of the Subject Property are used for oil production.			

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC	Site Location: Henderson County, Kentucky	Project No. 200196-0800
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Photo No. 5	Date: 10/14/20
Direction Photo Taken: Down	

Description: Oil Well #1 Parcel #59-20



Photo No. 6	Date: 10/14/20
Direction Photo Taken: Down	

Description: Oil Well #1 Parcel #59-20 Minimal surficial staining.
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PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC	Site Location: Henderson County, Kentucky	Project No. 200196-0800
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Photo No. 7	Date: 10/14/20
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Direction Photo Taken:
Southeast

Description:
Oil Tanks #1
Parcel #59-20

Dispensing valve at bottom left corner.



Photo No. 8	Date: 10/14/20
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Direction Photo Taken:
Northeast

Description:
Oil Tanks #1
Parcel #59-20



PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 9	Date: 10/14/20		
Direction Photo Taken: Down			
Description: Oil Tanks #1 Parcel #59-20			

Photo No.: 10	Date: 10/14/20	
Direction Photo Taken: Down		
Description: Oil Tanks #1 Parcel #59-20 Minimal surficial staining at dispensing valve.		



PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC	Site Location: Henderson County, Kentucky	Project No. 200196-0800
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Photo No. 11	Date: 10/14/20
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Direction Photo Taken:
Down

Description:
Oil Well #2
Parcel #59-20

Minimal surficial staining.



Photo No. 12	Date: 10/14/20
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Direction Photo Taken:
Down

Description:
Oil Well #2
Parcel #59-20

Minimal surficial staining.



PHOTOGRAPHIC LOG



Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 13	Date: 10/14/20		
Direction Photo Taken: Down			
Description: Oil Well #3 Parcel #60-54			

Photo No.: 14	Date: 10/14/20	
Direction Photo Taken: Down		
Description: Oil Well #3 Parcel #60-54 Minimal surficial staining.		

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 15	Date: 10/14/20	 A photograph showing a large, dark grey cylindrical oil tank with a metal staircase on its side. The tank is situated on a gravel pad with some sparse vegetation. In the background, there are trees and a clear sky.	
Direction Photo Taken: West			
Description: Oil Tanks #2 Parcel #60-54			

Photo No.: 16	Date: 10/14/20	 A close-up photograph of a metal dispensing valve on a pipe. The valve is mounted on a gravel surface. In the background, a portion of a grey oil tank is visible with the number '55488' printed on it. The ground is covered with gravel and some dry leaves.	
Direction Photo Taken: Down			
Description: Oil Tanks #2 Parcel #60-54 Minimal surficial staining at dispensing valve.			

PHOTOGRAPHIC LOG


Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No. 200196-0800
Photo No. 17	Date: 10/15/20		
Direction Photo Taken: East			
Description: Oil Well #4 Parcel #71-45			

Photo No. 18	Date: 10/15/20	
Direction Photo Taken: Down		
Description: Oil Well #4 Parcel #71-45 Minimal surficial staining.		

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC	Site Location: Henderson County, Kentucky	Project No. 200196-0800
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Photo No. 19	Date: 10/15/20
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Direction Photo Taken:
Down

Description:
Oil Well #4
Parcel #71-45

Minimal surficial staining and empty small quantity containers.



Photo No. 20	Date: 10/15/20
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Direction Photo Taken:
Down

Description:
Oil Well #4
Parcel #71-45

Minimal surficial staining and empty small quantity containers.



PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 21	Date: 10/15/20		
Direction Photo Taken: Southwest			
Description: Oil Tanks #3 Parcel #71-45			

Photo No.: 22	Date: 10/15/20	
Direction Photo Taken: Down		
Description: Oil Tanks #3 Parcel #71-45 Surficial staining.		

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No. 200196-0800
Photo No. 23	Date: 10/15/20		
Direction Photo Taken: North			
Description: Oil Tanks #3 Parcel #71-45 Surficial staining.			

Photo No. 24	Date: 10/15/20		
Direction Photo Taken: Down			
Description: Oil Tanks #3 Parcel #71-45 Surficial staining and dead vegetation.			

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC	Site Location: Henderson County, Kentucky	Project No. 200196-0800
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Photo No. 25	Date: 10/15/20
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Direction Photo Taken:
Down

Description:
Oil Well #5
Parcel #71-45
Surficial staining.



Photo No. 26	Date: 10/15/20
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Direction Photo Taken:
Down

Description:
Oil Well #5
Parcel #71-45
Surficial staining.



PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No. 200196-0800
Photo No. 27	Date: 10/15/20		
Direction Photo Taken: Northwest			
Description: Oil Well #5 Parcel #71-45 Propane tank and 55-gallon drum.			

Photo No. 28	Date: 10/15/20	
Direction Photo Taken: North		
Description: Oil Well #5 Parcel #71-45 55-gallon drum with residual sludge.		

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No. 200196-0800
Photo No. 29	Date: 10/15/20		
Direction Photo Taken: Southwest			
Description: Oil Tanks #4 Parcel #80-4			

Photo No. 30	Date: 10/15/20	
Direction Photo Taken: East		
Description: Oil Tanks #4 Parcel #80-4 Three tanks and a cistern.		

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC	Site Location: Henderson County, Kentucky	Project No. 200196-0800
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Photo No. 31	Date: 10/15/20
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Direction Photo Taken:
Down

Description:
Oil Tanks #4
Parcel #80-4

Streaks on tank from rain.



Photo No. 32	Date: 10/15/20
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Direction Photo Taken:
Down

Description:
Oil Tanks #4
Parcel #80-4



PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 33	Date: 10/15/20		
Direction Photo Taken: Southwest			
Description: Oil Well #6 Parcel #80-4			

Photo No.: 34	Date: 10/15/20	
Direction Photo Taken: Down		
Description: Oil Well #6 Parcel #80-4 Minimal surficial staining.		

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 35	Date: 10/14/20		
Direction Photo Taken: South			
Description: Farm-related storage container. Parcel #59-20			

Photo No.: 36	Date: 10/14/20		
Direction Photo Taken: East			
Description: Farm-related storage containers. Parcel #60-38.1			

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC	Site Location: Henderson County, Kentucky	Project No.: 200196-0800
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Photo No.: 37	Date: 10/15/20
Direction Photo Taken: Southwest	

Description:
Farm-related storage containers.
Parcel #61-30



Photo No.: 38	Date: 10/15/20
Direction Photo Taken: East	

Description:
Farm-related storage container.
Parcel #71-45



PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC	Site Location: Henderson County, Kentucky	Project No.: 200196-0800
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Photo No.: 39	Date: 10/14/20
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Direction Photo Taken:
South

Description:
Scrap tank
Parcel #59-31



Photo No.: 40	Date: 10/14/20
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Direction Photo Taken:
North

Description:
Scrap tank
Parcel #59-31



PHOTOGRAPHIC LOG


Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 41	Date: 10/14/20		
Direction Photo Taken: West			
Description: Debris Area #1 Parcel #59-20			

Photo No.: 42	Date: 10/14/20		
Direction Photo Taken: Northwest			
Description: Debris Area #1 Parcel #59-20			

PHOTOGRAPHIC LOG


Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 43	Date: 10/14/20	 A photograph showing a large piece of dark, possibly black, debris or material lying on the ground in a field of tall, dry grass. The debris appears to be a large, flat object, possibly a piece of solar panel or a tarp, that has been discarded. The surrounding vegetation is dense and overgrown.	
Direction Photo Taken: Down			
Description: Debris Area #2 Parcel #59-31			

Photo No.: 44	Date: 10/14/20	 A close-up photograph of debris, showing a large, dark, rectangular object, possibly a piece of solar panel or a tarp, lying on the ground. The debris is surrounded by tall, dry grass and other vegetation. The object appears to be broken or damaged, with some internal components visible.	
Direction Photo Taken: Down			
Description: Debris Area #2 Parcel #59-31			

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No. 200196-0800
Photo No. 45	Date: 10/14/20		
Direction Photo Taken: Down			
Description: Debris Area #2 Parcel #59-31			

Photo No. 46	Date: 10/14/20		
Direction Photo Taken: West			
Description: Debris Area #3 Parcel #61-28			

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No. 200196-0800
Photo No. 47	Date: 10/14/20		
Direction Photo Taken: South			
Description: Debris Area #4 Parcel #71-48			

Photo No. 48	Date: 10/14/20	
Direction Photo Taken: Down		
Description: Debris Area #4 Parcel #71-48		

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 49	Date: 10/14/20		
Direction Photo Taken: Down			
Description: Debris Area #4 Parcel #71-48			

Photo No.: 50	Date: 10/15/20	
Direction Photo Taken: North		
Description: Debris Area #5 Parcel #71-45		

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No. 200196-0800
Photo No. 51	Date: 10/14/20		
Direction Photo Taken: South			
Description: Debris Area #6 Parcel #61-37			

Photo No. 52	Date: 10/14/20		
Direction Photo Taken: South			
Description: Debris Area #6 Parcel #61-37			

PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC	Site Location: Henderson County, Kentucky	Project No.: 200196-0800
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Photo No.: 53	Date: 10/14/20
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Direction Photo Taken:
South

Description:
Abandoned irrigation well
Parcel #59-31



Photo No.: 54	Date: 10/14/20
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Direction Photo Taken:
Up

Description:
Stained transformer
(non-PCB)
Parcel #61-37





PHOTOGRAPHIC LOG


Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 55	Date: 10/15/20		
Direction Photo Taken: Northeast			
Description: Manure loading area Parcel #80-122			

Photo No.: 56	Date: 10/15/20		
Direction Photo Taken: North			
Description: Manure loading area Parcel #80-122			



PHOTOGRAPHIC LOG


Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 57	Date: 10/14/20		
Direction Photo Taken: Down			
Description: Drainage systems were dry.			

Photo No.: 58	Date: 10/14/20		
Direction Photo Taken: Down			
Description: Drainage systems were dry.			



PHOTOGRAPHIC LOG

Client Name: Sebree Solar, LLC		Site Location: Henderson County, Kentucky	Project No.: 200196-0800
Photo No.: 59	Date: 10/14/20		
Direction Photo Taken: East			
Description: Typical pond Parcel #59-20			

Photo No.: 60	Date: 10/15/20	
Direction Photo Taken: North		
Description: Typical pond Parcel #61-58		

APPENDIX G

Resumes

MAURA C. GIBBONS
Associate Scientist II

Education

B.S. Environmental Geoscience—Michigan State University-Lyman Briggs College, 2015

Registrations

*OSHA HAZWOPER 40-hour and 8-hour refresher training
Certified Confined Space Entry
Asbestos Building Inspector #A51771
Boater Safety Certification
Michigan Association of Environmental Professionals, 2018*

Ms. Gibbons has a bachelor's degree in environmental geoscience from the Lyman Briggs College at Michigan State University. She has experience in field services, including various sample collection methods, monitoring well and vapor pin installations, Geoprobe drilling, land surveying, confined space entry, construction oversight, and lab packing hazardous waste. As an associate scientist, Ms. Gibbons has authored dozens of Phase I and II environmental site assessments (ESAs), baseline environmental assessments (BEAs), due care compliance documentations, and health and safety plans (HASPs).

Team Member; Delta Toledo Ohio Environmental Protection Agency (OEPA) Work Plans, Delta Fuels, Inc.—Validated data based on Level 4 laboratory reports. Assisted in writing and reviewing the vapor intrusion status report, the environmental covenant, and the Resource Conservation and Recovery Act (RCRA) facility investigation report. Environmental investigation efforts associated with RCRA closure activity are pursuant to OEPA closure process at bulk oil terminal property. Worked as the environmental intellect during the recoating of the Enbridge pipeline, including documenting construction activities, collecting soil stockpile samples, and maintaining manifest records during the disposal of soils.

Team Member; Toledo U.S. Environmental Protection Agency (EPA) Investigations, Delta Fuels, Inc.—Collected quarterly groundwater samples from monitoring wells using low-flow purging methods and measured monthly groundwater elevation statics. Recorded groundwater analytical and elevation statics data into data tables. Environmental investigation effort associated with RCRA closure activity are pursuant to OEPA closure process at bulk oil terminal property. Performed Mann Kendall statistical analysis to approximately fifteen monitoring wells to reduce the frequency of groundwater sampling.

Team Member; Delta Fuels Toledo Compliance, Delta Fuels, Inc.—Monitored the air quality of the vapor recovery unit and recorded data.

Team Member; Environmental Consulting Services, Lambda Energy—Collected quarterly groundwater samples from monitoring wells using low-flow purging methods. Participated in the data collection of the radius of influence during a biosparging pilot study and performed approximately 20 weekly site visits to maintain the system. Oversaw the

AREAS OF SPECIALIZATION

Soil, Groundwater, and Vapor Sampling; Due Diligence Report Writing; and Remedial Investigations

installation of five biosparge points and documented the soil boring logs.

Team Member, EPA Assessment Grant Implementation, Genesee County Land Bank Authority—Authored the Quality Assurance Project Plan (QAPP) for the EPA Site Assessment Grant for Hazardous Substances and Petroleum for Brownfield properties. Collected samples of suspected asbestos-containing materials within three apartment buildings for the purpose of demolition activities.

Team Member/Field Geologist; Mobil Graham Road Site #526, Michigan Department of Environmental Quality (MDEQ)—Worked as a field geologist by documenting soil boring logs, collecting soil samples, overseeing the installation of monitoring wells, and conducting land surveying activities during the remedial investigation to delineate the extent of a groundwater plume.

Team Member/Field Geologist; Rose Harbor Marina, MDEQ—Worked as a field geologist by documenting soil boring logs, collecting soil samples, overseeing the installation of deep soil gas points, and collecting water samples from catch basins during the remedial investigation of a residential/commercial property in Monroe, Michigan. Authored the HASP and input data into data tables.

Team Member/Field Geologist; City of Davison – Mill Street, MDEQ—Worked as a field geologist by documenting soil boring logs, collecting soil samples, collecting groundwater samples, and performing land surveying activities during the remedial investigation to delineate the extent of a groundwater plume.

Team Member/Field Lead; Fairlane Meadows Due Diligence, Time Equities—Worked as the field lead for a yearlong due diligence investigation at a commercial property. Field activities included semi-annual collections of ambient air samples and quarterly collections of soil gas samples.

Team Member/Field Geologist; Fordson Island, Downriver Community Conference—Authored the Phase I and II ESAs and the HASP for portions of the Fordson Island in Dearborn, Michigan. Worked as a field geologist by documenting soil boring logs and collecting soil samples. Completed figures, data tables, and boring logs for the due diligence reports.

Team Member/Field Lead; Water Road/Oak Valley Parcel, Pittsfield Charter Township—Authored the Phase I ESA, Phase II ESA, BEA, and the due care compliance documentation reports of an undeveloped property in Pittsfield Charter Township, Michigan. Collected soil samples using hand auger methods.

Team Member/Field Lead; Sodium & Chloride Source Sampling, Ford Michigan Proving Ground—Worked as the field lead for the second round of sampling activities to determine the source of sodium and chloride in the wastewater stream at Ford Proving Grounds. Field activities included documenting soil boring logs, collecting soil and groundwater samples, downloading continuous conductivity data, and performing monthly calibrations of the conductivity probes using the Levelogger computer software. Performed as the entrant and supervisor for two separate confined space entry activities to correct the malfunction of a flow meter.

Team Member; Capital 2018 Services, Michigan Electric Transmission Company—Authored Phase I ESAs for several properties within Michigan.

Team Member; Capital 2018 Services, ITC Midwest—Authored dozens of Phase I ESAs for properties throughout Iowa.

Team Member; Capital 2018 Services, ITC Transmission—Authored a dozen Phase I ESAs for properties throughout Iowa.

Team Member; Marine City Drinking Water Protection Plan, Marine City—Performed quarterly calibrations of sonde probes, an instrument used to collect instantaneous data at the drinking water plant.

Team Member; Due Diligence, HFS Tractor Sales and Service—Authored the Phase I ESA of two commercial parcels in Niles, Michigan.

Team Member; Celeron Island Restoration, National Oceanic and Atmospheric Administration—Oversaw construction activities of habitat restoration. Knowledgeable of boater safety and boater traffic laws.

Team Member; Due Diligence, New Hope Church—Authored the Phase I ESA of a church in Taylor, Michigan.

Team Member; Building, Confidential Client—Sampled groundwater from monitoring wells using low-flow purging methods.

Team Member; Due Diligence, Downriver Utility Wastewater Authority—Conducted a site reconnaissance and authored the Phase I ESA of a wastewater treatment plant.

Team Member/Field Geologist; Trenton Clocktower, Downriver Community Conference—Conducted a site reconnaissance and authored the Phase I and II ESAs and the HASP. Worked as the field geologist by documenting soil boring logs and collected soil samples. Assisted in the oversight of the construction of test pits to identify the presence of underground storage tanks.

Team Member; Urban Farm Expansion, Michigan Urban Farming Initiative—Conducted a site reconnaissance and authored the Phase I and II ESAs and the HASP. Worked as the field geologist by documenting soil boring logs and collected soil samples.

Team Member; Phase I ESA Pinconning and Leoni, Dingeman LLC and KTC Industries LLC—Authored two separate Phase I ESAs of two separate commercial properties.

Team Member/Field Geologist; Davidson Building Due Diligence, Davidson, LLC—Authored three separate Phase I ESAs of multiple parcels in Bay City, Michigan. Authored the HASP and performed Phase II investigation activities as a field geologist, documenting and collecting soil samples. Authored the Phase II ESA including the figures, boring logs, and data tables.

Team Member/Field Geologist; Cherry Hill Road Due Diligence, Carr's Outdoor Services, Inc.—Conducted a site reconnaissance and authored the Phase I ESA of multiple parcels in Westland, Michigan. Authored the HASP and performed Phase II investigation activities as a field geologist, documenting and collecting soil samples. Authored the BEA and due care compliance documentation report.

Team Member; Wayne County Airport Authority Demolition and Environmental, Alfred Benesch & Company—Worked as a field geologist, documenting and collecting soil samples during two underground storage tank removals. Performed dust monitoring and asbestos air sampling during the demolition of a three-story building.

Team Member; SAW Grant Support, Alliance of Rouge Communities—Collected surface water samples from the Rouge River on approximately 25 sites per day. Collected land surveying data for stream profiling. Authored the HASP for a 20-week sampling event. Participated in surveying and assessing outfalls throughout southeast Michigan.

Team Member; Packard Plant Project 2017, Arte Express Detroit, LLC—Assisted in collecting samples of suspected asbestos containing material and lead based paint.

Team Member; Packard-Admin Building Revolving Loan Fund, Arte Express Detroit, LLC—Authored weekly status reports of the progress of asbestos abatement activities at the Packard Plant administrative building for 15 weeks.

Team Member; St. Johns, Federal Mogul—Sampled groundwater from monitoring wells using low-flow purging methods.

Team Member; Phase I ESA, Passaro Kahne & Taylor—Authored a Phase I ESA for Cycle-Re-Cycle site in Benton Harbor, Michigan.

Team Member; East Grand Boulevard Properties Phase I ESA, DFPP, LLC—Conducted a site reconnaissance and authored the Phase I ESA of multiple parcels. Participated in creating the scope for the Phase II investigation.

Team Member; Environmental Due Diligence, LaGrow III—Authored the Phase I ESA of multiple parcels in Coloma, Michigan.

Team Member/Field Geologist; Phase I ESA Project Affable, Masonite International Corporation—Authored the Phase I and II ESA of multiple parcels. Completed five hand auger borings. Worked as a field geologist, documenting and collecting soil samples from hand auger and Geoprobe soil borings during a Phase II investigation. Completed soil boring logs, data tables, and figures.

Team Member/Field Geologist; Court Street Phase I, Hill Street Company—Authored the Phase I and II ESA for multiple parcels in Lapeer, Michigan. Worked as a field geologist, documenting and collecting soil samples from soil borings during a Phase II investigation. Completed soil boring logs, data tables, and figures. Authored the due care compliance documentation report.

Team Member/Field Geologist; Clinton Valley Mall & Strip, Time Equities—Conducted a site reconnaissance and authored three Phase I ESAs and one Phase II ESA. Worked as a field geologist, documenting and collecting soil and groundwater samples from soil borings during a Phase II investigation. Installed and sampled vapor pins during a Phase II investigation. Completed soil boring logs, data tables, and figures.

Team Member; Former One Hour Martinizing, Ali Elkhalil—Installed and sampled vapor pins during a due diligence investigation in Dearborn, Michigan.

Team Member; Phase I & BEA, Fisheye Farms—Conducted a site reconnaissance of multiple parcels in Detroit, Michigan, and authored the Phase I ESA and BEA.

Team Member/Field Geologist; 800 Lowell Street, UCC Professional Services, LLC—Oversaw the installation of approximately ten vapor pins. Worked as a field geologist, documenting and collecting soil and groundwater samples from soil borings during a Phase II investigation in Ypsilanti, Michigan. Completed soil boring logs and data tables.

Team Member; McLouth Steel Phyto Pilot Project, City of Trenton—Ongoing observations and documentation of the installation of the phytoremediation for the U.S. Forest Service Grant for phytoremediation at McLouth Steel in Trenton, Michigan. Oversaw the installation of five monitoring wells, surveyed the wells, and sampled groundwater from the monitoring wells using low-flow purging methods.

Team Member; Point One Auto Center Property, Arab American Chaldean Council—Conducted a site reconnaissance and authored the Phase I ESA.

Team Member/Field Geologist; Arte Due Diligence, Arte Express Detroit, Inc.—Worked as a field geologist, documenting and collecting soil samples from soil borings. Completed soil boring logs, data tables, and authored the Phase II ESAs for three properties in Detroit.

Field Chemist; U.S. Ecology, Detroit Service Center—Provided services for lab packing, drum sampling, demolition projects, chemical inventory, and chemical sorting for industrial waste and household hazardous waste (HHW). Scheduled employees and coordinated supplies for HHW Events throughout the year at various municipalities throughout Michigan and Ohio. Knowledgeable and compliant with department of transportation, EPA, and Occupational Safety and Health Administration regulations pertaining with waste management and handling. Maintained detailed records of projects as required for environmental compliance and internal billing. Managed relations with clients for scheduling and invoicing purposes.

Field Technician/Geoprobe Operator; Midwest Analytical Services, Inc.—Performed monitoring well installations, permanent and temporary groundwater sampling, wastewater sampling, and soil sample borings. Generated and maintained documentation including well logs, chain of custodies, and standard operating procedures for customer specific sites. Operated the geoprobe rig, a direct push method to produce soil borings. Coordinated with environmental consultants for remediation projects, Phase I and II ESAs, and monitoring projects.

DIRK S. MAMMEN, ESQ.
Principal Scientist

Education

J.D., Law—Detroit College of Law, 1996
B.S., Geological Sciences—Michigan State University, 1984

Registrations

State Bar of Michigan (P51219)
OSHA HAZWOPER 40-hour and 8-hour refresher training
Hazardous Waste Operations Supervisors and Managers Certificate
Sanitary Landfill Design Certificate
Asbestos Awareness Program Certificate No. 189-2

Dirk Mammen, Esq. is an accomplished scientist and licensed attorney having nearly 30 years of experience in the performance, coordination, and management of environmental assessment and compliance projects throughout the United States. Included among these has been work performed on behalf of the Wayne County Airport Authority at both Detroit Metro and Willow Run airports, where, since 2004, Mr. Mammen has served as the authority's principal point of contact for underground storage tank (UST) removal, spill response, assessment and compliance evaluations, drum identification and removal, and remediation of surface fuel spills, to name a few. Mr. Mammen also offers extensive experience managing a wide variety of real estate transactional due diligence assessments and ensuring compliance with the ASTM standard for environmental site assessments (ESAs) and the All Appropriate Inquiry Rule issued under the Comprehensive Environmental Response, Compensation, and Liability Act. Mr. Mammen's legal training and research skills positions him well for due diligence evaluations, evidence and document management, and risk management activities, and his expertise has been utilized in the quality assurance/quality control of hundreds of Phase I ESAs prepared on behalf of developers, communities, regulatory agencies and industrial clients nation-wide.

Project Director; Environmental Site Assessments, Various Clients—Coordinated, managed, or performed more than 1,400 ESAs for lending institutions, law firms, private industry, municipal organizations, construction developers, and private interests. Sites include vacant properties, manufacturing and industrial facilities, small to very large commercial buildings, landfill and dump sites, municipal garages, and other UST and hazardous material sites. Sites are located throughout the United States, primarily in the Midwest, upper Midwest, and Rocky Mountain regions.

Project Director; Large Scale Due Diligence Assessment, Chevron U.S.A., Inc.—Designed, coordinated, and implemented a specialized due diligence assessment process in support of a large-scale property and asset transfer, including the potential transfer of more than 60 natural gas production facilities and 1,800 natural gas wells across Michigan. Evaluation activities included site visual inspections, detailed spill history reviews, and extensive environmental database compilation.

Project Director; Demolition Assessment and Environmental Services, Wayne County Airport Authority—Directed and managed the environmental

AREAS OF SPECIALIZATION

Geology, Hydrogeology, Soils Contamination Assessments, Groundwater Monitoring & Contaminant Assessments, Environmental Site Assessments, Property Acquisition/Transfer Environmental Management and Risk Management, Underground Storage Tank Closure & Remediation Investigations, Project Management

assessment and hazardous materials management processes associated with the abatement and demolition of select buildings at Detroit Metropolitan Airport. Activities included the presentation of detailed facility inspections, the preparation of abatement and demolition specifications, assistance with the demolition contractor bidding and selection process, and the performance of demolition monitoring and dust control activities.

Project Scientist; 10 Mile Drain Investigation & Remediation, Macomb County Public Works Office—Completed detailed environmental assessment activity and in-depth historical research investigation to evaluate historical and current sources of polychlorinated biphenyl (PCB) materials impacting the drain system. Performed an investigation of the 10 Mile Drain storm sewer to characterize the nature and extent of PCB contamination. The investigation consisted of soil boring placement and soil sample collection in areas immediately adjacent to the drain system, as well as stormwater and sediment monitoring within the sewer, a corridor survey (aerial photograph, interviews of local residents and historic land use review) to determine the potential source of the contamination, and an inspection of the sewer condition using closed circuit televising.

Project Scientist; Environmental Services, Wayne County Airport Authority—Performed, coordinated, and/or managed numerous environmental assessment or environmental compliance projects at both Detroit Metro Airport and Willow Run Airport, including UST removal, spill response, assessment or compliance evaluations and miscellaneous drum

identification and removal actions. Performed remediation activity associated with surface fuel spills and subsurface release during new terminal construction activity resulting from historical hydrant fuel system.

Project Manager; Bulk Oil Terminal Release and Site Reconstruction, Knight Enterprises/Delta Fuels—

Managed all environmental assessment, remediation, and compliance issues resulting from a 100,000-gallon gasoline overflow event, impacting both an on- and offsite area in Toledo, Ohio. Site involved federal and state regulatory action. The secondary containment system was replaced with approximately 3,000 linear feet of high-density polyethylene liner. Managed and designed the construction and permitting for an onsite water treatment and remediation system. Provided regulatory compliance assistance, including the preparation and implementation of treatment, storage, and disposal facility closure plan; spill prevention, control, and countermeasure plan; and facility response plan.

Project Scientist; Due Diligence Manager, ITC

(International Transmission)—Managed and completed all land acquisition projects related to electric utility expansion throughout the Midwest (Michigan, Iowa, Kansas, and Minnesota), including Phase I/II ESAs, baseline environmental assessments (BEAs), and Transaction Screen Plans (TSP) on a variety of sites, both active electrical utility sites and undeveloped acreage. Included corridor study assessment activity, detailed title work review, and significant area-wide impact investigations.

Project Scientist; Brownfield Redevelopment Authority, Various Michigan Counties—

Performed site investigations, due diligence services, due care analyses, and other assessment services for numerous municipal brownfield redevelopment authorities throughout the lower and upper peninsulas of Michigan. Sites included manufacturing facilities, an abandoned paper production site, a power plant property, and landfill property. Facilitated Michigan Department of Environmental Quality (MDEQ) negotiated no further action (NFA) under the due care process.

Project Manager; Transformer Release and Remediation, Federal Aviation Authority—

Responded to the release of transformer oil to the ground surface and subsurface as a result of vandalism at Detroit Metro Airport. Provided site assessment, soil and water remediation, and risk assessment activities. Coordinated the assessment, removal, and appropriate disposal of the electrical equipment and completed PCB risk evaluation. Presented closure documentation to the local, state, and federal regulatory agencies involved with the project.

Project Scientist; Manufactured Gas Plant (MGP) Site Assessment and Risk Evaluation, Michigan Consolidated Gas Company—

Performed site investigations, exposure evaluations, and risk assessments at former MGPs as part of a complex effort to implement a plan for the investigation of 23

sites located throughout Michigan. The plan is designed to meet the company's obligations under Michigan's requirements to diligently pursue response activities. Conducted records searches and other information gathering; prepared site summary reports; prioritized all 23 for further investigation; provided oversight of a Geoprobe investigation at 9 of the 23 sites; and formulated a plan, including a budget and schedule, for response activities at all 23 sites.

Project Director; Large-Scale Area Wide Phase I ESAs, Various Clients—

Completed six large-scale area wide Phase I ESAs on specific residential housing redevelopment areas in Detroit, Michigan. Each area wide assessment involved the potential acquisition of 80 to 230 vacated residential lots within certain redevelopment neighborhoods. The area wide assessment approach involved the historical and regulatory evaluation of all properties within a specific grid or block area, followed by an individual assessment of each acquisition parcel in relation to the environmental conditions of the area. A review of all available historical documentation was performed, including Sanborn fire insurance maps, historical aerial photographs, street index directories, Federal Emergency Management Agency flood zone maps, zoning documentation, building, assessment, and fire department records, and specific title documentation. Assisted with parcel identification and quality of title issues, with all parcels having been or slated to be reverted to City of Detroit ownership. Compiled comprehensive assessment reports for each assessment area, including detailed maps and parcel summaries. Prepared all applicable Michigan State Housing Development Authority (MSHDA) applications and environmental documentation for submittal. The projects were completed on time to conform to MSHDA deadlines and within budget.

Project Director/Manager; Phase II ESA Activity, Various Clients—

Coordinated, managed, or performed more than 600 Phase II ESAs onsite throughout the Midwest, including industrial and commercial properties, residential properties, and rails-to-trails corridors. Sites ranged in size from very small lots to large acreage developments. Chemical impacts evaluated include petroleum products, solvents and various dense non-aqueous phase liquid (DNAPLs), PCBs, and various metals. Completed baseline environmental assessments on numerous Michigan sites.

Project Manager; Site Characterization and Investigation, Remedial Investigation/Feasibility Study (RI/FS);

Property Developer (Confidential Client)—Managed and performed site investigation, RI/FS, and remedial design activities on a former solvent recycling and treatment, storage and disposal RCRA facility. Soil and groundwater impacts evaluated, with on- and offsite risk assessment.

Project Director; Site Characterization and Investigation, Remediation and Site Closure; Ryder Truck Rental, Inc.—

Managed or performed all phases of site investigation activities for petroleum-related contamination at numerous Midwest locations. Activities included feasibility analysis, and remedial

design and implementation primarily pertaining to onsite and offsite low temperature thermal desorption and groundwater treatment.

Project Manager; Landfill Condition and Design Assessment, Allstate Insurance Company—Performed a landfill inspection in Weld County, Colorado, regarding condition, operations, and management and future cell design review for new bond issue considerations and liability limitations.

Project Manager; Site Assessment and Property Transfer Management—Performed all phases of site assessment activities on site in Detroit, Michigan, with numerous historical industrial uses to facilitate plant demolition, remediation, and redevelopment. Strong legal and financial influence and regulatory agency involvement, including covenant-not-to-sue negotiations and property risk management settlements.

Project Manager; Site Investigation, Remedial Design, and Risk Management; Bulk Oil Storage Facility—Performed site assessment activities of a large bulk oil storage terminal in Michigan with significant legal and financial institution involvement. Provided remedial design alternatives, with an emphasis on *in situ* bioremediation enhanced groundwater and soil treatment using a variety of horizontal boring techniques and reapplication of the bioenhanced medium.

Project Manager; ESA, Confidential Client—Performed an ESA on more than 4,000 acres of land for future development in eastern Colorado. Assessment included site investigation, historical review, regulatory review, and recommendations.

Project Manager; Surface Water and River Sediment Investigation-Detroit River, Confidential Client—Performed all phases of field and reporting investigation for a section of river reportedly impacted by numerous chemical contaminants from nearby and upstream industries. Investigation included sample location plan, sediment and water collection and analysis, data interpretation, and environmental impact and assessment recommendations.

Project Manager; Hydrocarbon Remediation Investigation, Kubat Equipment and Service Company—Performed functions related to UST removal, closure soil sampling, contaminant assessment and reporting, monitoring well placement, hydrogeologic investigation, and remedial action design and implementation for large county UST facility in Jefferson County, Colorado.

Expert Witness; Soil and Groundwater Conditions, Risk Management; Confidential Client—Provided expert testimony relating to subsurface petroleum and solvent contamination impacts on neighboring properties, allegedly resulting from a number of potential offsite and former onsite sources.

Expert Witness; Groundwater Conditions, D & T Construction Company—Provided expert testimony and consulting regarding alleged groundwater mounding and depletion impacts during construction activities, specifically related to the diminished capability of nearby drinking water wells.

Quality Control Technician; Landfill Construction at Various Disposal Sites—Provided onsite quality control activities during the construction of landfill liners and berms on numerous disposal facilities throughout southeast Michigan and northern Ohio.

Project Manager; Site Investigations and Regulatory Compliance Assessments, Marigold Foods/Kemps Ice Cream—Performed numerous site investigations and regulatory compliance assessments of dairy product storage and production facilities in Wisconsin, with particular emphasis on corporate operations transfer, worker safety issues, and waste water treatment difficulties.

Project Manager; Site Characterization and Remediation Investigation and Design, Confidential Client—Performed site characterization and remedial investigation on property prior to high-rise tower construction in southeastern Michigan. Completed soil and groundwater sampling for past contamination resulting from large volumes of trichloroethylene (TCE) spilling and leaking. Prepared remedial design of contaminated groundwater collection and treatment system.

Project Manager; UST Site Characterization Investigations, Shell Oil Company—Performed site characterization studies at numerous Shell service stations in southeastern Michigan, including utility locate diagrams, soil borings and sampling, field analysis, and reporting and recommendations.

Project Manager; Hydrogeologic Investigations, Mobil Oil Company—Performed hydrogeologic investigations of Mobil facilities in southeastern Michigan related to groundwater contamination resulting from UST impairment. Investigations included monitoring well placement, groundwater characteristic determination, water sampling and analysis, reporting, and recommendations.

Project Manager; UST Closure and Contaminant Assessments, Venta and Conoca Oil Companies—Performed numerous site closure assessments in Colorado, including soil boring studies, hydrogeologic investigations, remedial design and remediation, soil venting system design and placement, regulatory agency interfacing, reporting, and recommendations.