



INQUIRY #: 7197924.2
YEAR: 1985
SCALE: 1"=1000



INQUIRY #: 7197924.2
YEAR: 1985
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 1985
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 1985
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 1985
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 1997-1998
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 1997-1998
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 1997-1998
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 1997-1998
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 1997-1998
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2004
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2004
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2004
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2004
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2004
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2008
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2008
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2008
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2008
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2008
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2012
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2012
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2012
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2012
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2012
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2016
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2016
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2016
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2016
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2016
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2020
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2020
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2020
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2020
SCALE: 1"=1000'



INQUIRY #: 7197924.2
YEAR: 2020
SCALE: 1"=1000'

Appendix C
Environmental Database
Report



Frontier Solar Site

Frontier Solar Site

Springfield, KY 40069

Inquiry Number: 7197924.5s

December 08, 2022

EDR Area / Corridor Report



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

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

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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 (E1527-21), 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

FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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.

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Facilities List

A review of the SWF/LF list, as provided by EDR, and dated 04/04/2022 has revealed that there is 1 SWF/LF site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
VALLEY VIEW FARM Status: Operating Facility Id: 40388	BARBERS MILL RD	2 / 9	44

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

SPILLS: State spills

A review of the SPILLS list, as provided by EDR, and dated 08/10/2022 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		1 / 8	44

EXECUTIVE SUMMARY

Facility Status: Env. Closed
Inc ID: 2309751

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

Lists of state- and tribal hazardous waste facilities

SHWS: State Leads List

A review of the SHWS list, as provided by EDR, and dated 09/14/2022 has revealed that there is 1 SHWS site within approximately 1 mile 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>
LG&E KENTUCKY UTILIT Facility Id: 136520 Facility Status: Closed	RADIO STATION ROAD	E 0 - 1/8 (0.085 mi.)	3 / 18	45

Lists of state and tribal registered storage tanks

UST: Underground Storage Tank Database

A review of the UST list, as provided by EDR, and dated 08/03/2022 has revealed that there is 1 UST site within approximately 0.25 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>LEBANON-SPRINGFIELD</i> Tank Status: TRM Facility Id: 67408	<i>650 AIRPORT RD</i>	<i>W 1/8 - 1/4 (0.134 mi.)</i>	<i>A5 / 8</i>	<i>46</i>

AST: Above Ground Storage Tanks

A review of the AST list, as provided by EDR, and dated 06/01/2021 has revealed that there are 2 AST sites within approximately 0.25 miles of the requested target property.

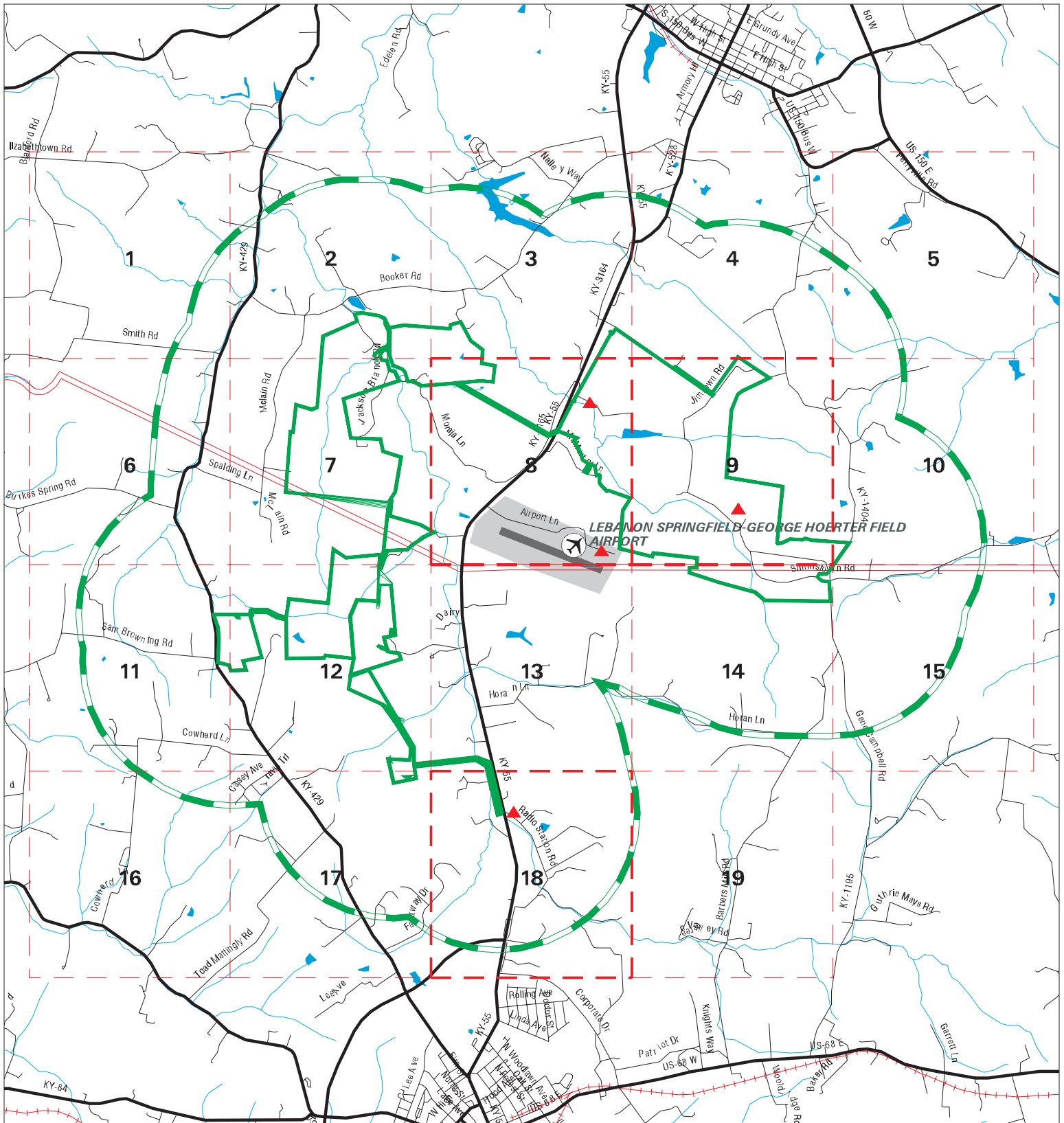
<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
PINKSTON OIL CO	650 AIRPORT LN	W 1/8 - 1/4 (0.134 mi.)	A4 / 8	45
MARION-WASHINGTON CO	650 AIRPORT LN	W 1/8 - 1/4 (0.134 mi.)	A6 / 8	48

MAPPED SITES SUMMARY

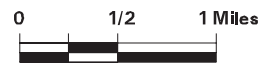
Target Property:
 FRONTIER SOLAR SITE
 SPRINGFIELD, KY 40069

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 8			SPILLS	TP
2 / 9	VALLEY VIEW FARM	BARBERS MILL RD	SWF/LF	TP
3 / 18	LG&E KENTUCKY UTILIT	RADIO STATION ROAD	SHWS	448 0.085 East
A4 / 8	PINKSTON OIL CO	650 AIRPORT LN	AST	710 0.134 West
A5 / 8	LEBANON-SPRINGFIELD	650 AIRPORT RD	UST, Financial Assurance	710 0.134 West
A6 / 8	MARION-WASHINGTON CO	650 AIRPORT LN	AST	710 0.134 West

Key Map - 7197924.5s



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



SITE NAME: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

12:09 PM

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>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	1.000		1	0	0	0	NR	1
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500	1	0	0	0	NR	NR	1
<i>Lists of state and tribal leaking storage tanks</i>								
PSTEAF	0.500		0	0	0	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
INDIAN LUST	0.500		0	0	0	NR	NR	0
SB193	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
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
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP	1	NR	NR	NR	NR	NR	1
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	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
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	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	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	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
DRYCLEANERS	0.250		0	0	NR	NR	NR	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	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0

- Totals --		2	1	3	0	0	0	6
-------------	--	---	---	---	---	---	---	---

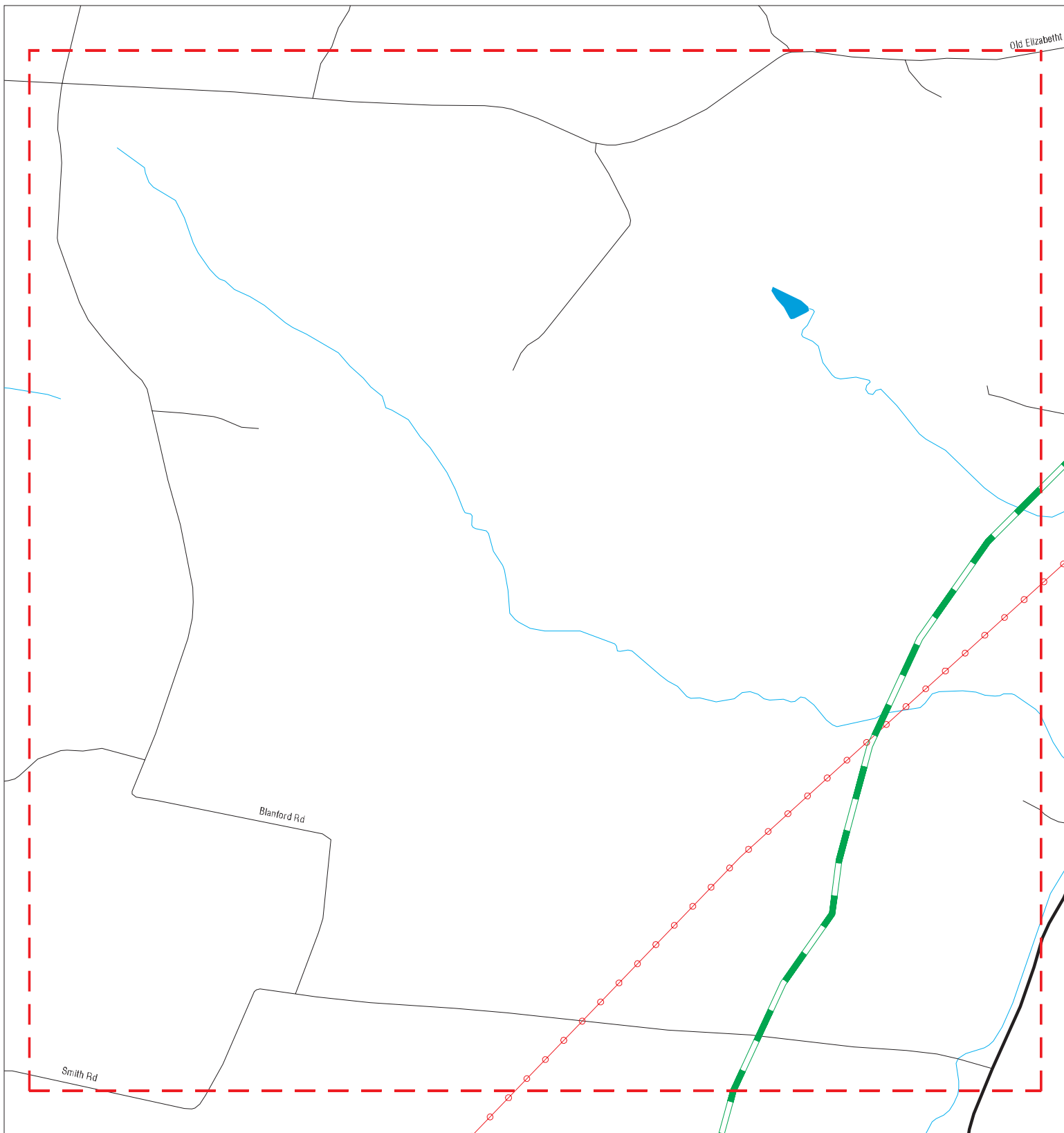
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 7197924.5s



- ▲ 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: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

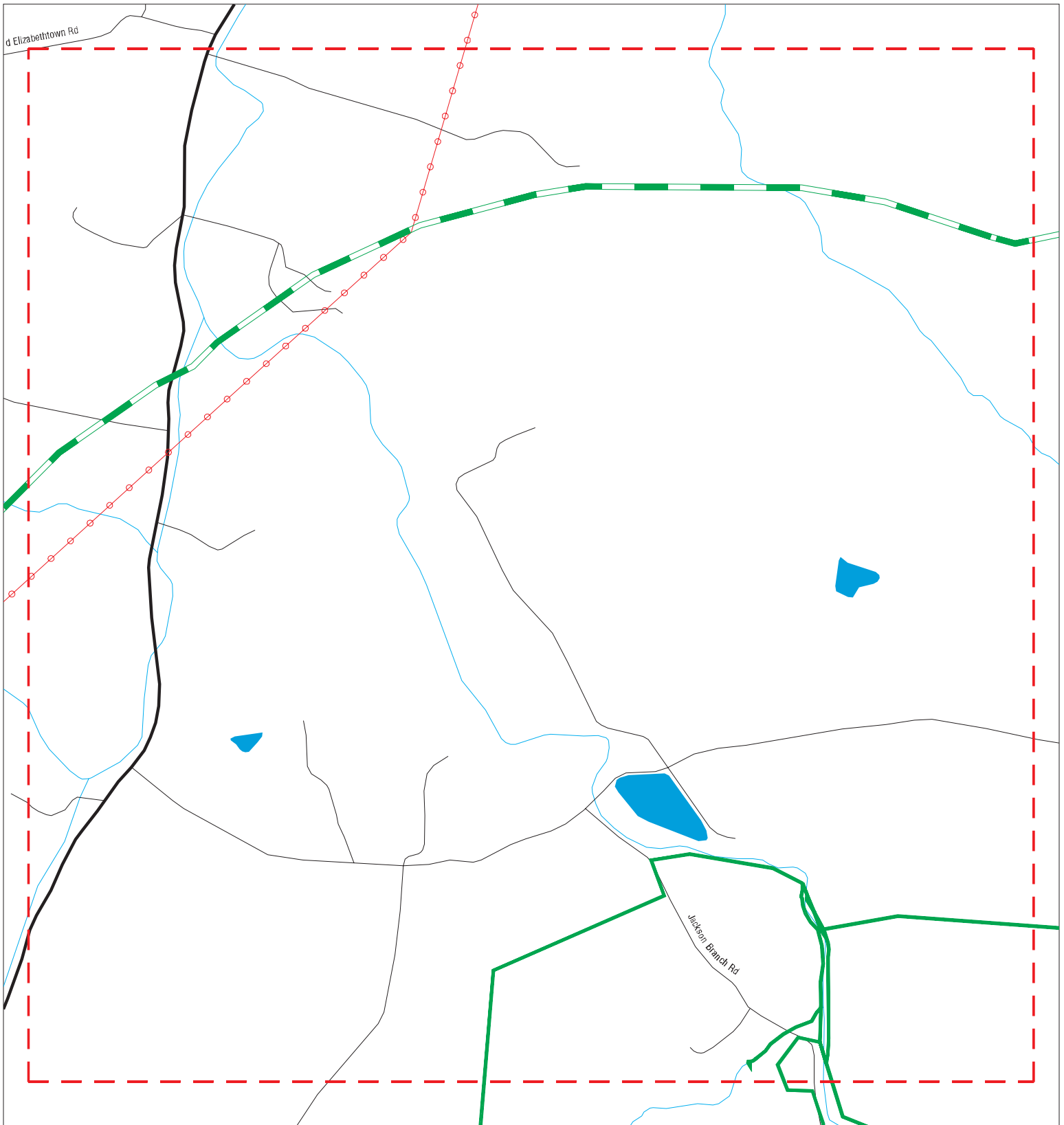
MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 2 - 7197924.5s



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

SITE NAME: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

MAPPED SITES SUMMARY - FOCUS MAP 2

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 3 - 7197924.5s



- ▲ 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: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

MAPPED SITES SUMMARY - FOCUS MAP 3

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 4 - 7197924.5s



- ▲ 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: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 5 - 7197924.5s



- ▲ 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: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

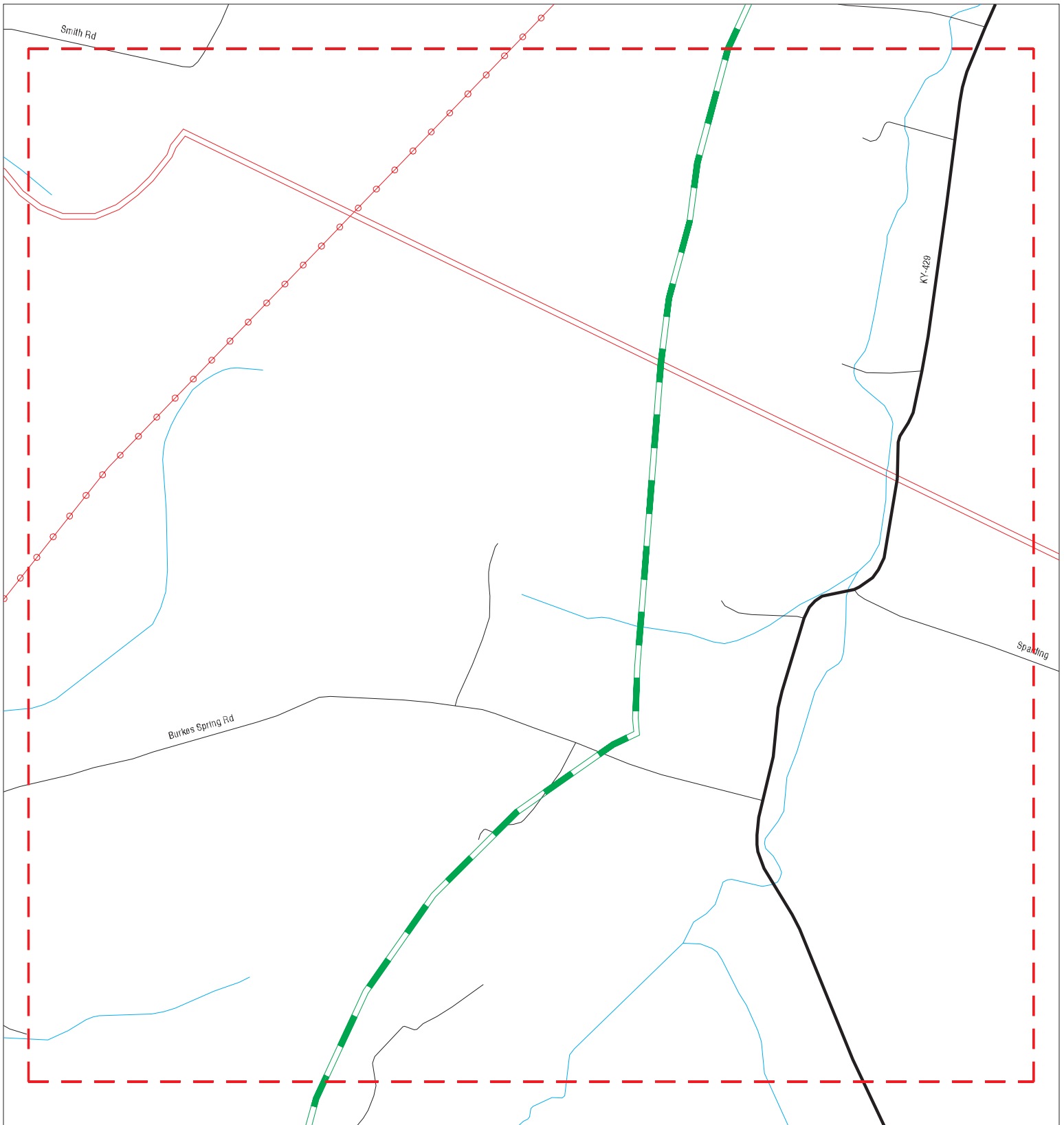
MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 6 - 7197924.5s



- | | | | | | |
|----------------------|------------------------------|-------------------------|---|-----|-----------|
| Sites | Focus Map - Sites | Indian Reservations BIA | 0 | 1/8 | 1/4 Miles |
| Target Property | Power Line | | | | |
| Search Buffer | National Priority List Sites | | | | |
| Focus Map - No Sites | Dept. Defense Sites | | | | |

SITE NAME: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

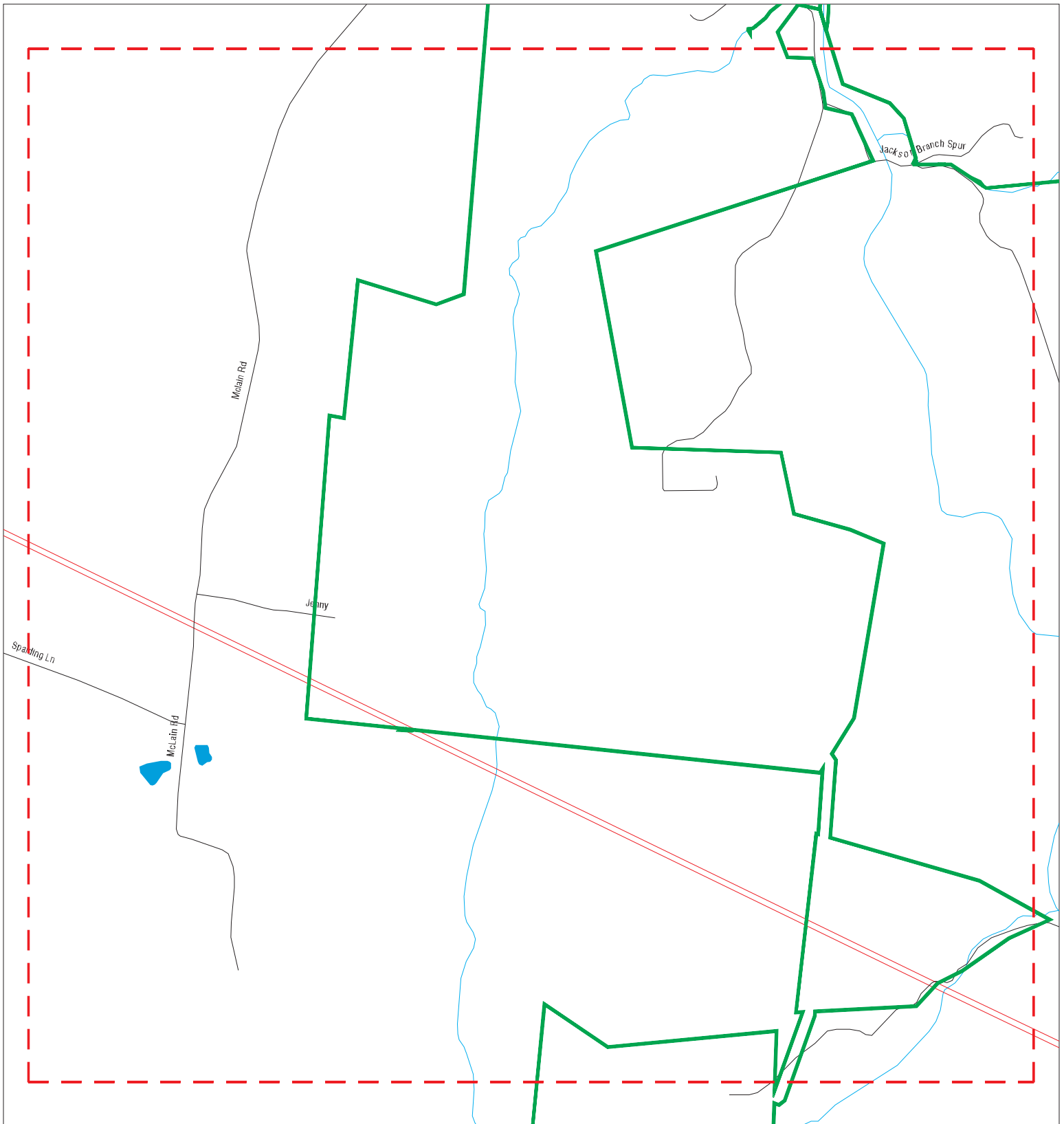
MAPPED SITES SUMMARY - FOCUS MAP 6

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 7 - 7197924.5s



- | | | | | | |
|---|--|---|---|-----|-----------|
|  Sites |  Focus Map - Sites |  Indian Reservations BIA | 0 | 1/8 | 1/4 Miles |
|  Target Property |  Power Line | |  | | |
|  Search Buffer |  National Priority List Sites | | | | |
|  Focus Map - No Sites |  Dept. Defense Sites | | | | |

SITE NAME: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

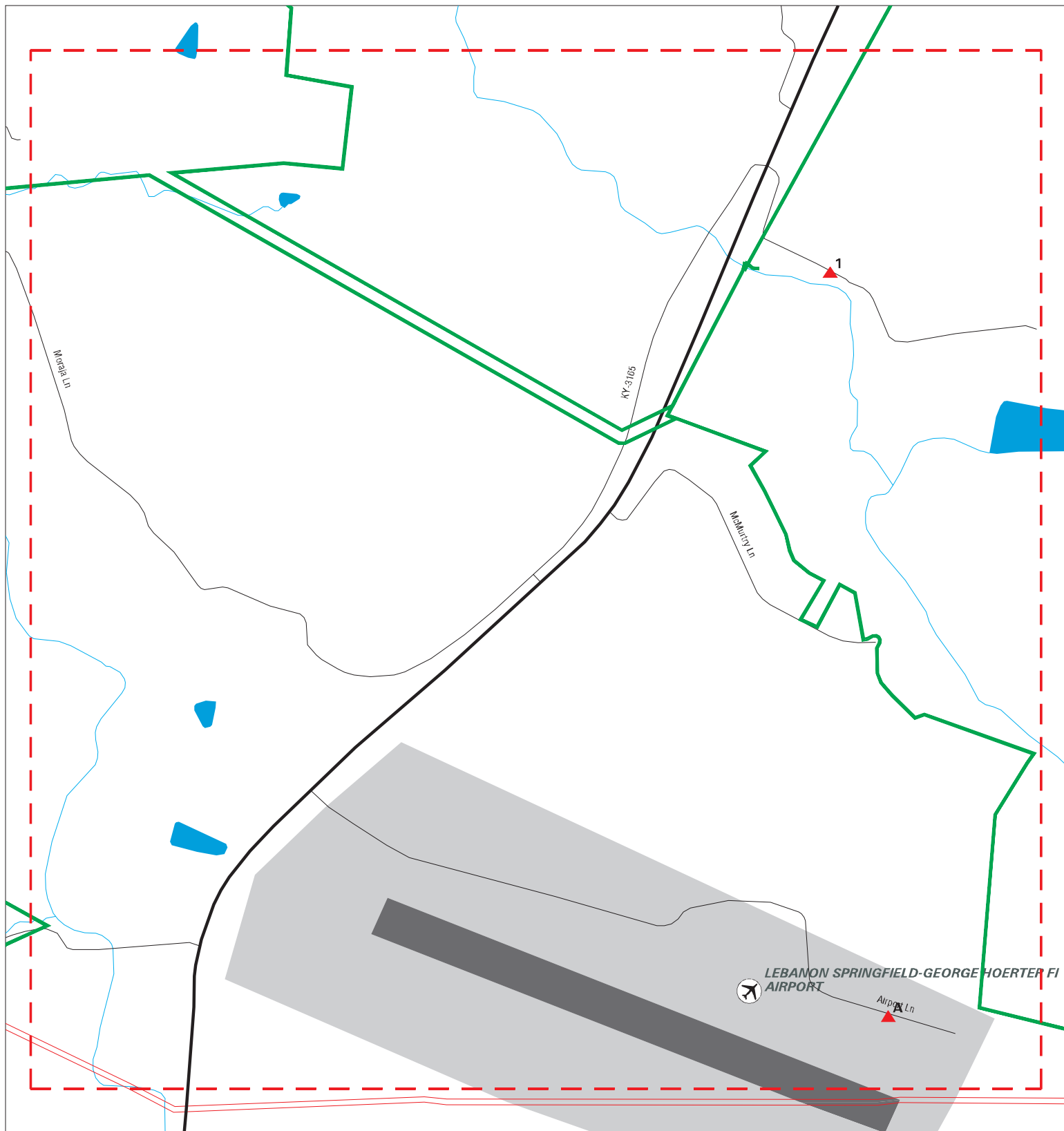
MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

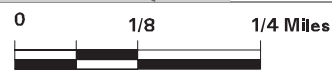
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 8 - 7197924.5s



- ▲ 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: Frontier Solar Site
 ADDRESS: Frontier Solar Site
 CITY/STATE: Springfield KY
 ZIP: 40069

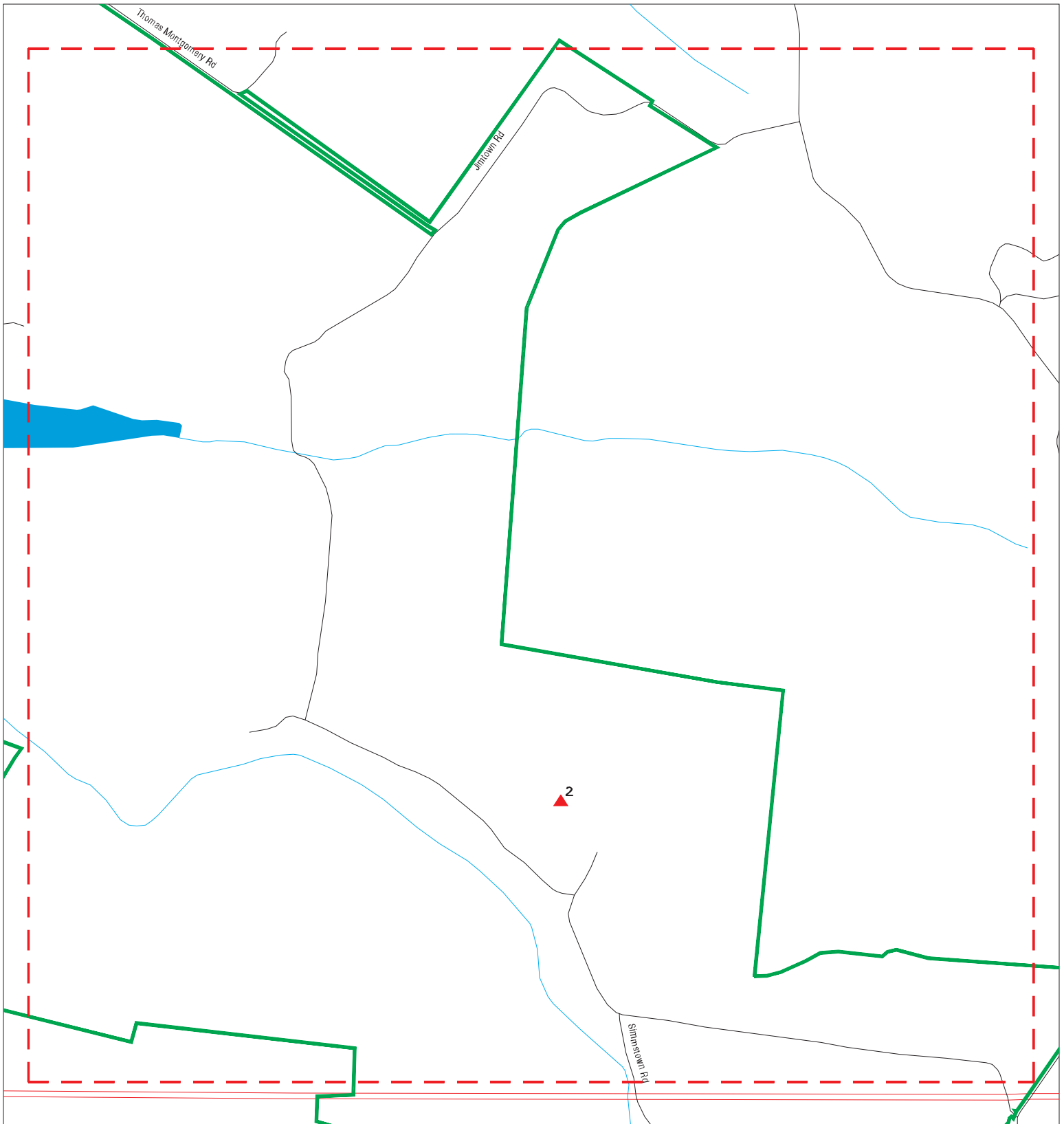
CLIENT: ERM - Southeast, Inc.
 CONTACT: Paige Luther
 INQUIRY #: 7197924.5s
 DATE: 12/08/22

MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
 FRONTIER SOLAR SITE
 SPRINGFIELD, KY 40069

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 8			SPILLS	TP
A4 / 8	PINKSTON OIL CO	650 AIRPORT LN	AST	710 0.134 West
A5 / 8	LEBANON-SPRINGFIELD	650 AIRPORT RD	UST, Financial Assurance	710 0.134 West
A6 / 8	MARION-WASHINGTON CO	650 AIRPORT LN	AST	710 0.134 West

Focus Map - 9 - 7197924.5s



SITE NAME: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

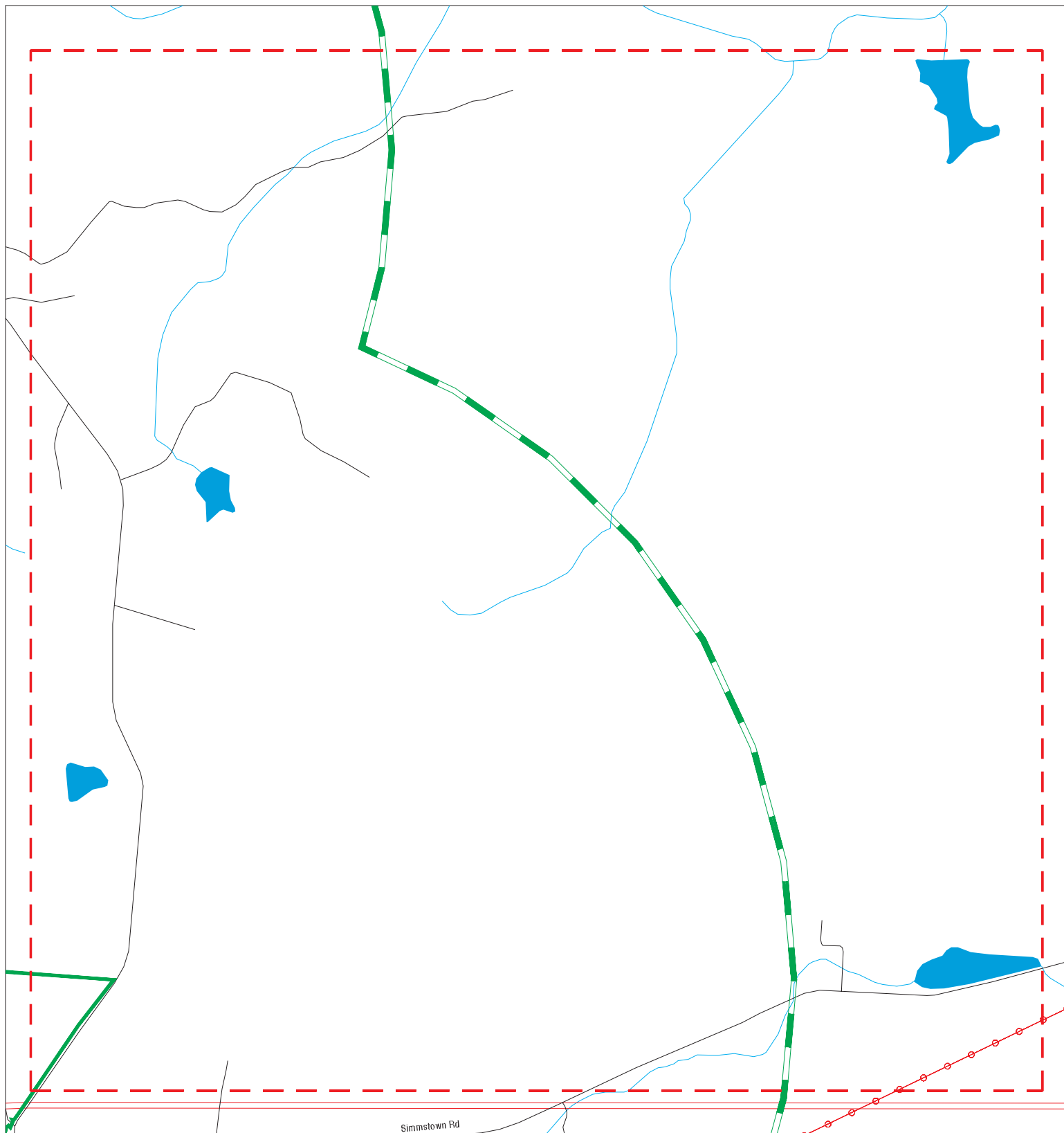
CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
2 / 9	VALLEY VIEW FARM	BARBERS MILL RD	SWF/LF	TP

Focus Map - 10 - 7197924.5s



- | | | | | | |
|----------------------|------------------------------|-------------------------|---|-----|-----------|
| Sites | Focus Map - Sites | Indian Reservations BIA | 0 | 1/8 | 1/4 Miles |
| Target Property | Power Line | | | | |
| Search Buffer | National Priority List Sites | | | | |
| Focus Map - No Sites | Dept. Defense Sites | | | | |

SITE NAME: Frontier Solar Site ADDRESS: Frontier Solar Site CITY/STATE: Springfield KY ZIP: 40069	CLIENT: ERM - Southeast, Inc. CONTACT: Paige Luther INQUIRY #: 7197924.5s DATE: 12/08/22
--	---

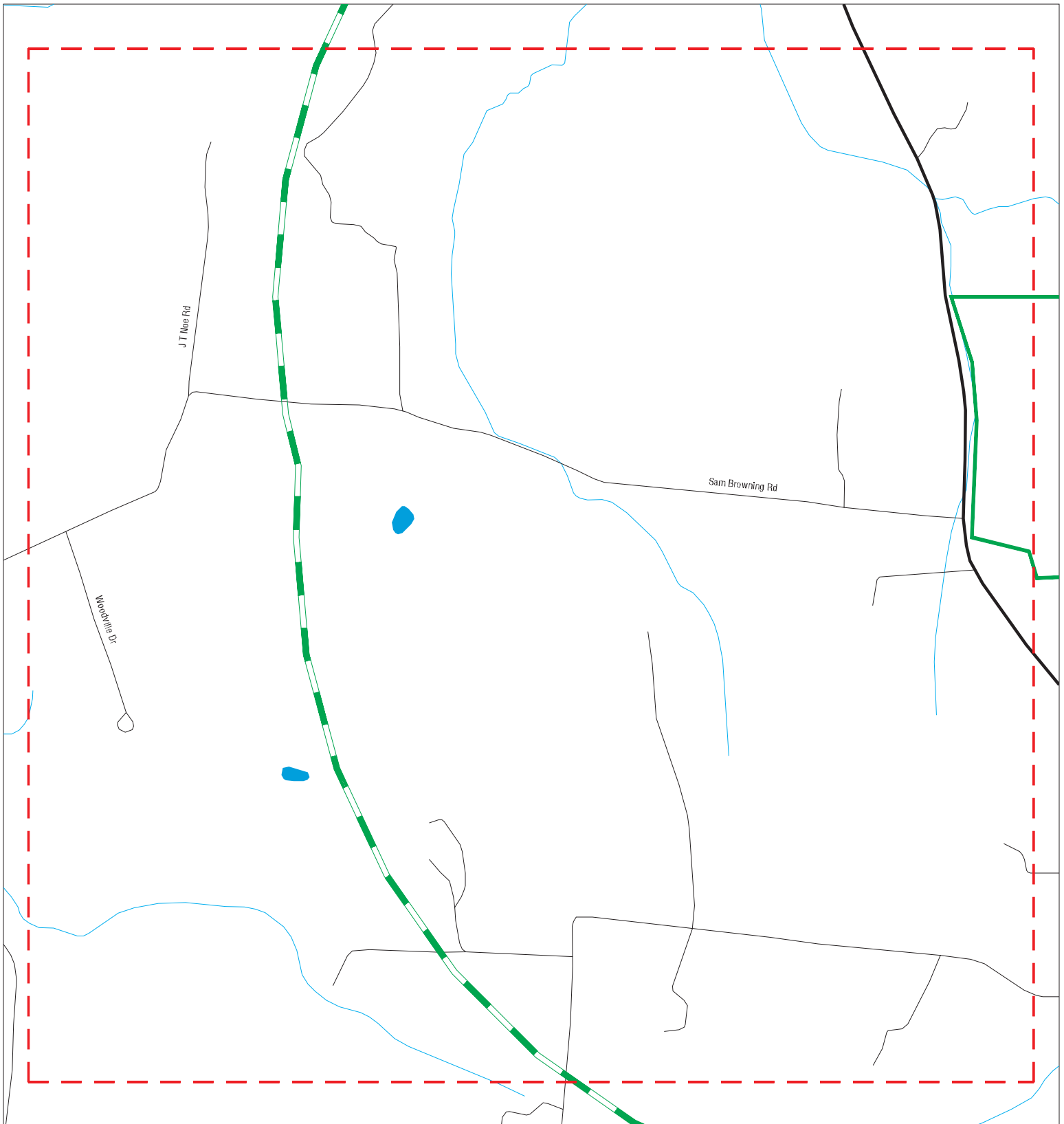
MAPPED SITES SUMMARY - FOCUS MAP 10

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 11 - 7197924.5s



- ▲ 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: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

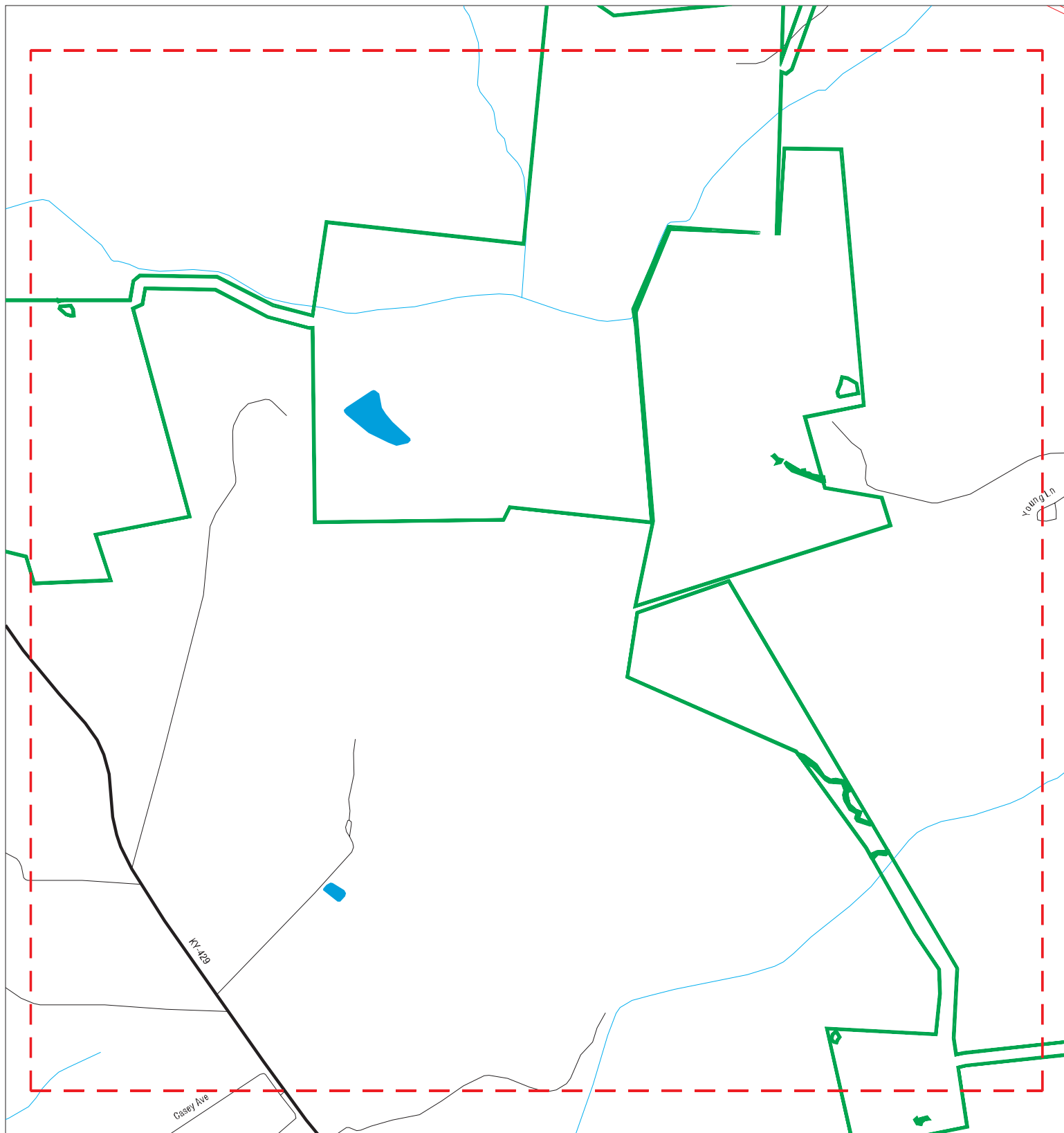
MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 12 - 7197924.5s



- ▲ 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: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

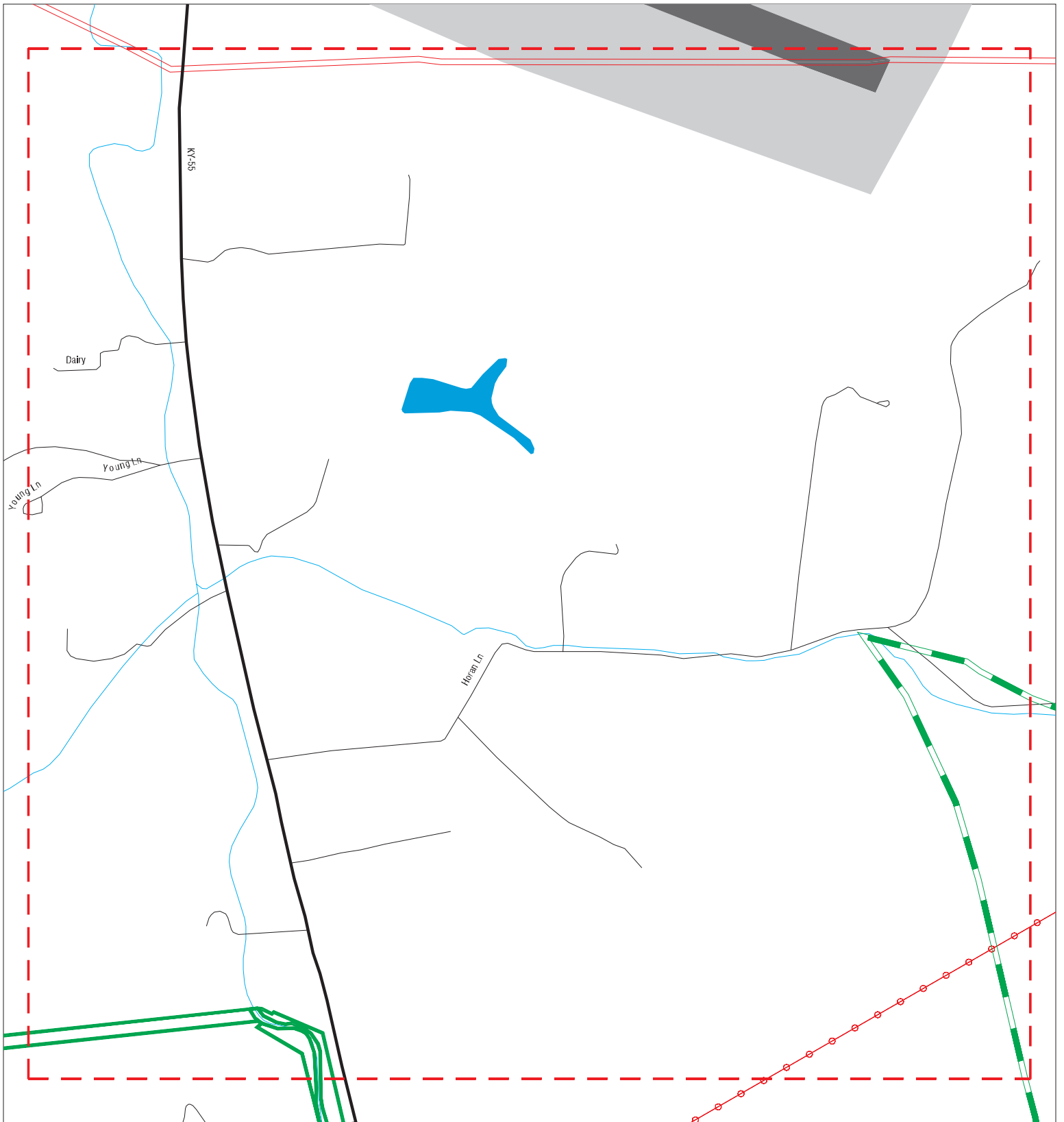
MAPPED SITES SUMMARY - FOCUS MAP 12

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 13 - 7197924.5s



- | | | |
|----------------------|------------------------------|-------------------------|
| 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: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

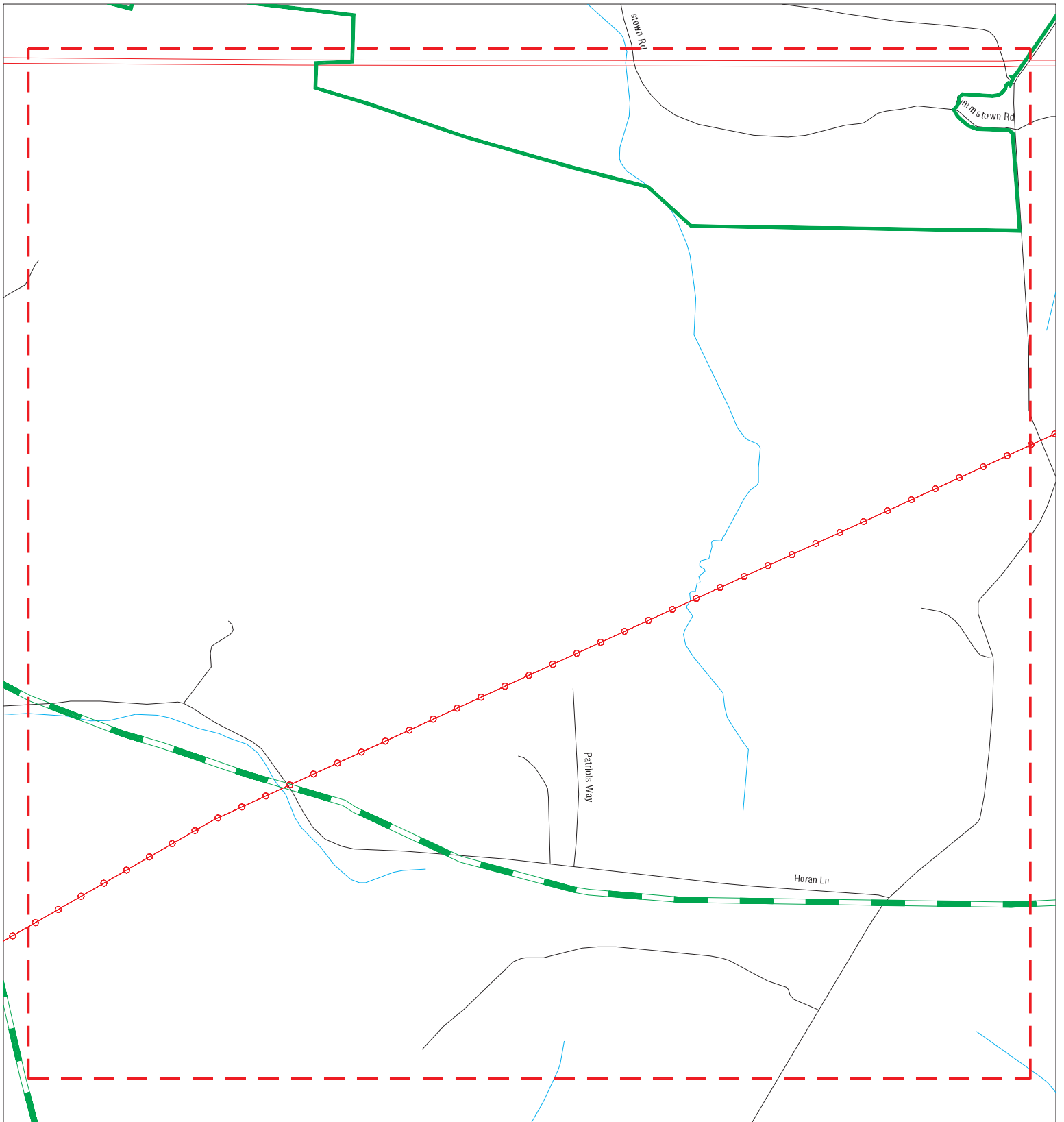
MAPPED SITES SUMMARY - FOCUS MAP 13

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 14 - 7197924.5s



- | | | | | | |
|----------------------|------------------------------|-------------------------|---|-----|-----------|
| Sites | Focus Map - Sites | Indian Reservations BIA | 0 | 1/8 | 1/4 Miles |
| Target Property | Power Line | | | | |
| Search Buffer | National Priority List Sites | | | | |
| Focus Map - No Sites | Dept. Defense Sites | | | | |

SITE NAME: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

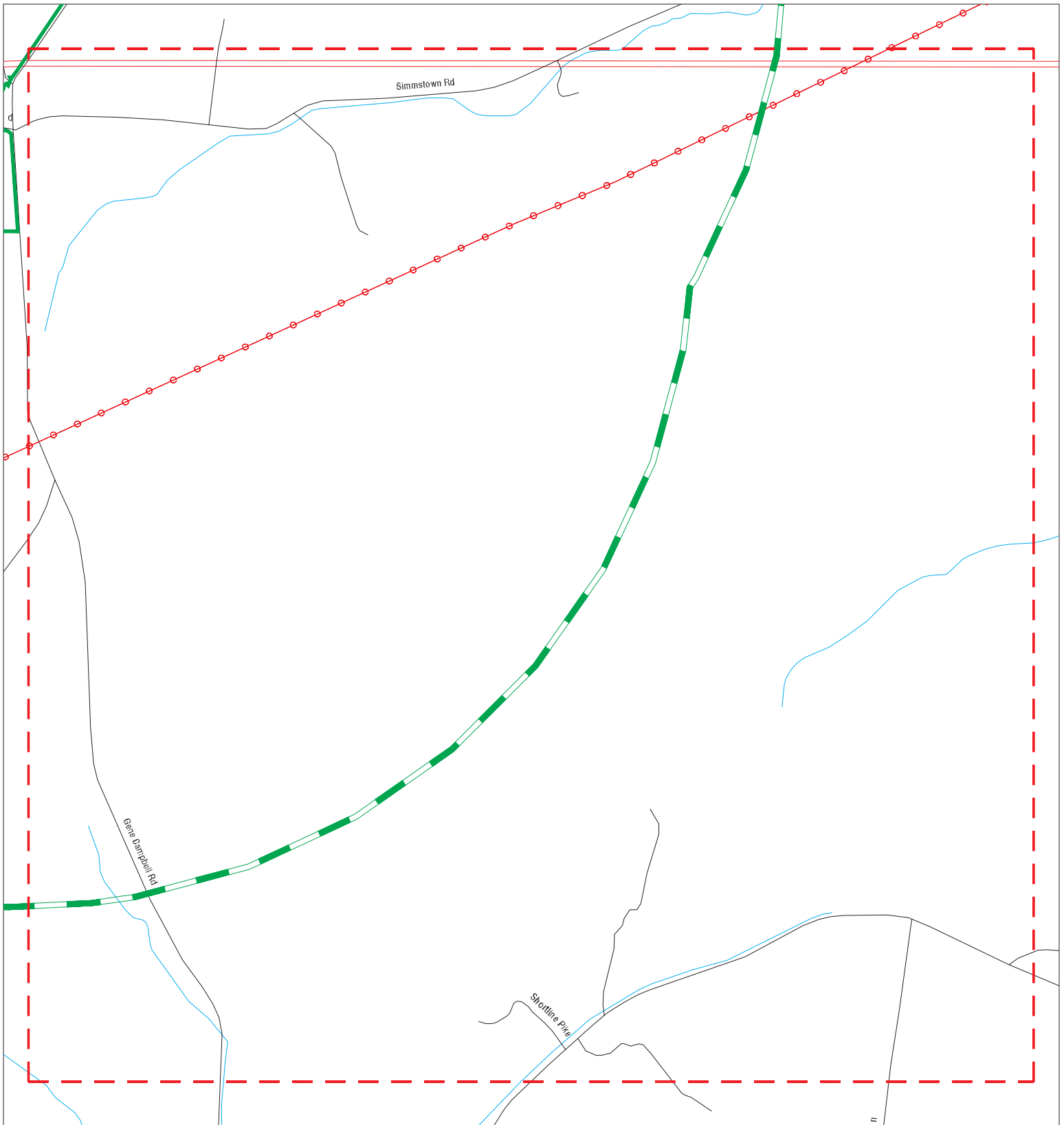
MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 15 - 7197924.5s



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

SITE NAME: Frontier Solar Site ADDRESS: Frontier Solar Site CITY/STATE: Springfield KY ZIP: 40069	CLIENT: ERM - Southeast, Inc. CONTACT: Paige Luther INQUIRY #: 7197924.5s DATE: 12/08/22
--	---

MAPPED SITES SUMMARY - FOCUS MAP 15

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 16 - 7197924.5s



- ▲ 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: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

MAPPED SITES SUMMARY - FOCUS MAP 16

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 17 - 7197924.5s



- ▲ 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: Frontier Solar Site
ADDRESS: Frontier Solar Site
CITY/STATE: Springfield KY
ZIP: 40069

CLIENT: ERM - Southeast, Inc.
CONTACT: Paige Luther
INQUIRY #: 7197924.5s
DATE: 12/08/22

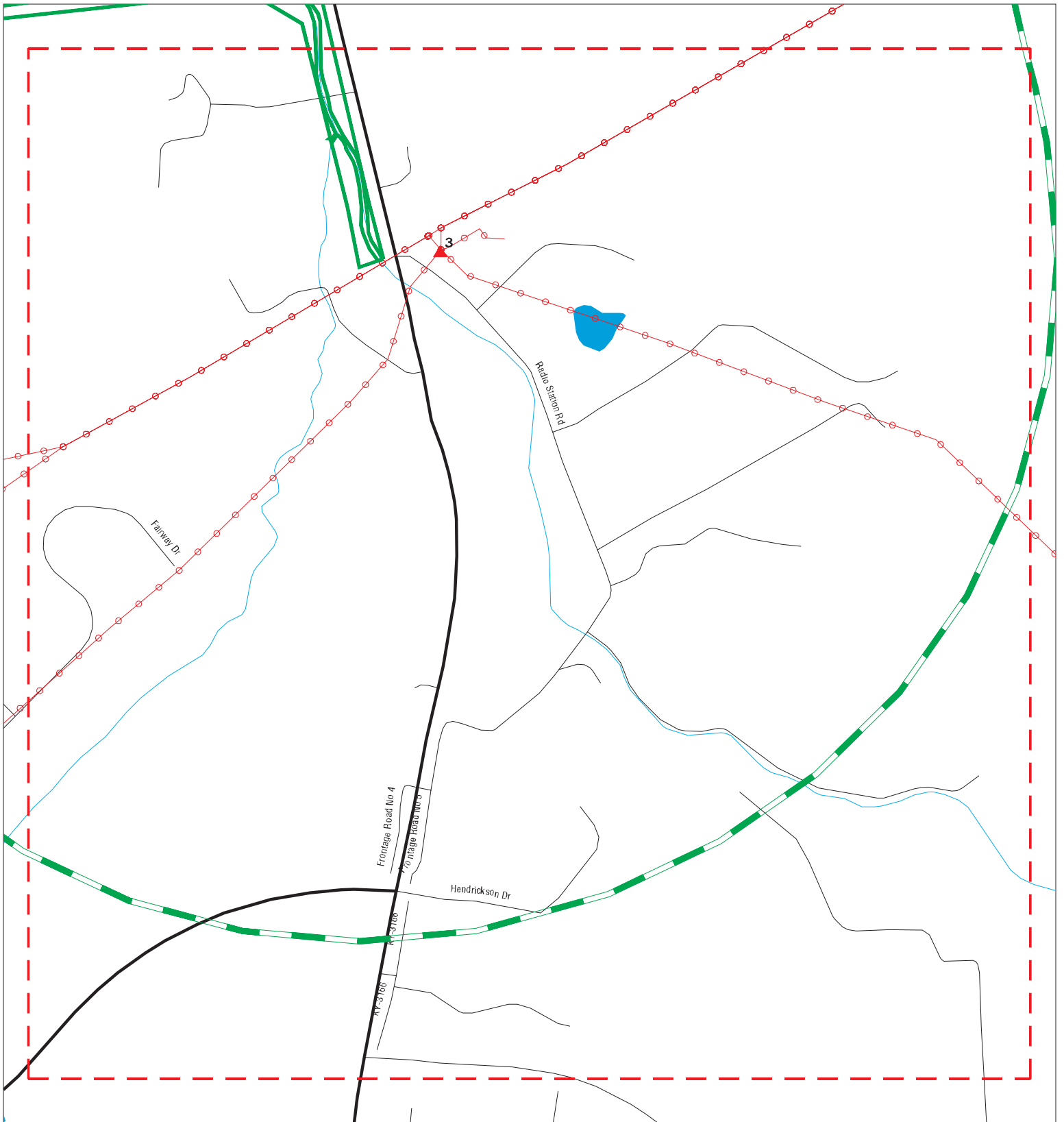
MAPPED SITES SUMMARY - FOCUS MAP 17

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

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

NO MAPPED SITES FOUND

Focus Map - 18 - 7197924.5s



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



SITE NAME: Frontier Solar Site
 ADDRESS: Frontier Solar Site
 CITY/STATE: Springfield KY
 ZIP: 40069

CLIENT: ERM - Southeast, Inc.
 CONTACT: Paige Luther
 INQUIRY #: 7197924.5s
 DATE: 12/08/22










MAPPED SITES SUMMARY - FOCUS MAP 18

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
3 / 18	LG&E KENTUCKY UTILIT	RADIO STATION ROAD	SHWS	448 0.085 East

Focus Map - 19 - 7197924.5s



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



<p>SITE NAME: Frontier Solar Site ADDRESS: Frontier Solar Site CITY/STATE: Springfield KY ZIP: 40069</p>	<p>CLIENT: ERM - Southeast, Inc. CONTACT: Paige Luther INQUIRY #: 7197924.5s DATE: 12/08/22</p>
---	--

MAPPED SITES SUMMARY - FOCUS MAP 19

Target Property:
FRONTIER SOLAR SITE
SPRINGFIELD, KY 40069

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

1

SPILLS S117160702
N/A

Target
Property **SPRINGFIELD, KY**

Actual:
764 ft.

Focus Map:
8

SPILLS:
Name: Not reported
Address: Not reported
City,State,Zip: SPRINGFIELD, KY
Facility Status: Env. Closed
Incident Type: STREAM DEGRADATION
Program Code: 12
Received By Staff: Corbin, Blake
Received Date: 03/31/2010
Report Date: 2010-03-31 11:36:47
Dispatch Description: Bulldozer and trackhoe and a pan have been used to significantly alter a stream.

Source Name: Sandy Simms Property (AI ID: 107655)
Source Address: Three miles from Lebanon heading to Springfield. Property is on the right.

Substances: Best Management Practices:
Other Substances Desc: Not reported
Media Impacted: Water Quality
Inc ID: 2309751
Lead Invest Person ID: 47352
Compliance: Yes
Notification: No
Priority: Routine
Incident End Date: Not reported
Follow Up Priority Desc: Not reported
Most Recent Comp Eval Activity: AI: 107655 CIV20100001
Most Recent ENF Activity: Not reported
Begin Emergency Date: Not reported
End Emergency Date: Not reported
MARS Function Code: Not reported
Locked: Yes
Closure Type Desc: Env. Closed-Mitigated
Waterbody: Not reported
Latitude: 37.64883
Longitude: -85.23966

2

SWF/LF S107603164
N/A

Target
Property **VALLEY VIEW FARM
BARBERS MILL RD
SPRINGFIELD, KY 40069**

Actual:
832 ft.

Focus Map:
9

LF:
Name: VALLEY VIEW FARM
Address: BARBERS MILL RD
City,State,Zip: SPRINGFIELD, KY 40069
Facility ID: 40388
Status: Operating
Permit Number: 11500016-1
SI ID: ACTV0000000001
SI Designation: 11500016-1
AI Name: Valley View Farm
Rel Entity ID: Not reported
Facility Type: Beneficial Reuse
Latitude: 37.63744400
Longitude: -85.21963900
Permittee city/state/zip: SPRINGFIELD, KY 40069
Permit expired date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY VIEW FARM (Continued)

S107603164

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: BENEFICIAL REUSE, SOLID WASTE-ACTIVITY APPROVED
Date Last Site Insp.: Not reported
Last Inspector: Not reported
Related Entity Specific Type: Not reported

3
East
< 1/8
0.085 mi.
448 ft.

LG&E KENTUCKY UTILITIES LEBANON SUBSTATION
RADIO STATION ROAD
LEBANON, KY 40033

SHWS S122374672
N/A

Actual:
781 ft.
Focus Map:
18

SHWS:
Name: LG&E KENTUCKY UTILITIES LEBANON SUBSTATION
Address: RADIO STATION ROAD
City,State,Zip: LEBANON, KY 40033
Facility Id: 136520
Status: Closed
Description: (Closed Option C Restored 1/15/2020) LG&E Kentucky Utilities Lebanon Substation: Incident #2437776

Closure Date: 01/15/2020
Longitude: -85.249971
Latitude: 37.604860
Subject Item County: Marion
Sub Item Longitude: -85.249971
Sub Item Latitude: 37.604860
Subject Item Address: Radio Station Rd
Subject Item Address2: Not reported
Subject Item City,St,Zip: Lebanon, KY 40033
Regulatory Desc: Petroleum Cleanup
Closure Option: Option C Restored
Side SG: Transformer Spill
Acreage: 2.00

A4
West
1/8-1/4
0.134 mi.
710 ft.

PINKSTON OIL CO
650 AIRPORT LN
SPRINGFIELD, KY 40069
Site 1 of 3 in cluster A

AST A100447995
N/A

Actual:
846 ft.
Focus Map:
8

AST:
Permit Number: PAG0001224
Name: PINKSTON OIL CO
Address: 650 AIRPORT LN
Telephone: (859) 336-7747
City,State,Zip: SPRINGFIELD, KY 40069-9607
Permit Type: Commercial
Category: Other
Permit Status: Completed
Issue Date: 10/27/1999

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PINKSTON OIL CO (Continued)

A100447995

Last Inspection: Not reported
 Installer: JET Tank Testing

A5
West
1/8-1/4
0.134 mi.
710 ft.

LEBANON-SPRINGFIELD AIRPORT
650 AIRPORT RD
SPRINGFIELD, KY 40069
Site 2 of 3 in cluster A

UST
Financial Assurance

U001441449
N/A

Actual:
846 ft.
Focus Map:
8

UST:
 Name: LEBANON-SPRINGFIELD AIRPORT
 Address: 650 AIRPORT RD
 City,State,Zip: SPRINGFIELD, KY 40069
 Sequence Id: 143115
 Facility ID: 67408
 Owner Name: Marion-Washington Co Airport Board
 Owner Address: PO Box 805
 Owner Address2: Not reported
 Owner Address3: Not reported
 Owner City,St,Zip: Lebanon, KY 40033
 Internal Document ID: 0
 Latitude: 37.63168
 Longitude: -85.23346

Inert Material Code: Not reported
 Removed Date: 12/17/1997
 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: MLD
 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 Treltdcod: Daily Inventory Rec Tank Tightness
 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: Pressurized
 Decode For Preldetcd: None
 Decode For Preldetsuc: None
 Decode For Plekdetcd: Manual Line Leak Detection
 Decode For Tsubcd: Gasoline
 Decode For Tmancd: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEBANON-SPRINGFIELD AIRPORT (Continued)

U001441449

Decode For Pmancd: Not reported
Subject Item ID: 2
Tank Status: TRM
Installation Date: 01/01/1981
Closed In Place Date: Not reported
Capacity in Gallons: 10000
Compartment Number: 1
Piping Installation Date: Not reported
Added To Tank Date: Not reported

Inert Material Code: Not reported
Removed Date: 12/17/1997
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: 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 Treltdcod: Daily Inventory Rec Tank Tightness
Decode For Tintprotcd: Unknown
Decode For Tsplprevcd: Unknown
Decode For Tovflprvcd: Unknown
Decode For Pmatcode: Single Wall Steel
Decode For Pextcoprd: None
Decode For Ptypecode: Suction
Decode For Preldetcd: Unknown
Decode For Preldetsuc: Unknown
Decode For Plekdetcd: 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: 01/01/1974
Closed In Place Date: Not reported
Capacity in Gallons: 10000
Compartment Number: 1
Piping Installation Date: Not reported
Added To Tank Date: Not reported

KY Financial Assurance 2:
Region: 2
Account: FRA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEBANON-SPRINGFIELD AIRPORT (Continued)

U001441449

AI: 67408
cause: 102396
Approval Date: 08/27/1998
NFA Date: 01/10/2000
Coverage Amount: Up to 1 million dollar limit coverage
Effective Period: Would be from the time of the release to the end of the clean up

A6 MARION-WASHINGTON CO AIRPORT BOARD
West 650 AIRPORT LN
1/8-1/4 SPRINGFIELD, KY 40069
0.134 mi.
710 ft. Site 3 of 3 in cluster A

AST A100447216
N/A

Actual: 846 ft.
Focus Map: 8

AST:
Permit Number: PAG0000414
Name: MARION-WASHINGTON CO AIRPORT BOARD
Address: 650 AIRPORT LN
Telephone: (502) 692-6351
City, State, Zip: SPRINGFIELD, KY 40069-9607
Permit Type: Government
Category: Other
Permit Status: Completed
Issue Date: 06/19/1997
Last Inspection: Not reported
Installer: International Tank

Count: 7 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LEBANON	S110777934	LEBANON BYPASS WATER TRANSMISS	LEBANON BYPASS	40033	NPDES
LEBANON	S108898816	BALL BROTHERS OIL CO	LEBANON	40033	NPDES
LEBANON	S109495177	KYTC PROJECT ID 07-1033	LEBANON BYPASS	40033	NPDES
LEBANON	S110350145	KYTC PCN 10-1013	US68 WEST OF LEBANON	40033	NPDES
SPRINGFIELD	U004250639	FORMER SPRINGFIELD MOTORS	LEBANON RD	40069	UST
SPRINGFIELD	1015975506	RED HED 69	LEBANON HILL RD	40069	FINDS
WASHINGTON COUNTY	S105466362	VALLEY VIEW FARM	.5 MILES EAST OF LEBANON/SPRINGFIEL	-	HIST LF

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

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: N/A
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: N/A
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/09/2023
	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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 08/25/2022
Date Data Arrived at EDR: 09/06/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMs by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

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: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 800-424-9346
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/21/2022	Source: EPA
Date Data Arrived at EDR: 11/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (404) 562-8651
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (404) 562-8651
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (404) 562-8651
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (404) 562-8651
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 11/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/02/2023
	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: 08/16/2022	Source: Department of the Navy
Date Data Arrived at EDR: 08/22/2022	Telephone: 843-820-7326
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/20/2023
	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: 08/15/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2022	Telephone: 703-603-0695
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/06/2023
	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: 08/15/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2022	Telephone: 703-603-0695
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 03/06/2023
	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: 06/14/2022

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 06/15/2022

Telephone: 202-267-2180

Date Made Active in Reports: 06/21/2022

Last EDR Contact: 09/20/2022

Number of Days to Update: 6

Next Scheduled EDR Contact: 01/02/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 09/14/2022

Source: Department of Environmental Protection

Date Data Arrived at EDR: 09/15/2022

Telephone: 502-564-6716

Date Made Active in Reports: 12/06/2022

Last EDR Contact: 11/15/2022

Number of Days to Update: 82

Next Scheduled EDR Contact: 03/06/2023

Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

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: 04/04/2022

Source: Department of Environmental Protection

Date Data Arrived at EDR: 04/26/2022

Telephone: 502-564-6716

Date Made Active in Reports: 07/15/2022

Last EDR Contact: 10/24/2022

Number of Days to Update: 80

Next Scheduled EDR Contact: 02/06/2023

Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

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: 06/01/2022

Source: Department of Environmental Protection

Date Data Arrived at EDR: 07/05/2022

Telephone: 502-564-5981

Date Made Active in Reports: 09/22/2022

Last EDR Contact: 10/03/2022

Number of Days to Update: 79

Next Scheduled EDR Contact: 01/16/2023

Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/28/2022

Source: EPA Region 6

Date Data Arrived at EDR: 06/13/2022

Telephone: 214-665-6597

Date Made Active in Reports: 08/16/2022

Last EDR Contact: 12/06/2022

Number of Days to Update: 64

Next Scheduled EDR Contact: 01/30/2023

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/11/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-7439
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/08/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3372
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6271
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

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

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 10/06/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

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

Date of Government Version: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-8677
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/30/2023
	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

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 09/27/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/16/2023
	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: 08/03/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/22/2022	Telephone: 502-564-5981
Date Made Active in Reports: 11/09/2022	Last EDR Contact: 11/16/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

A listing of aboveground storage tank site locations.

Date of Government Version: 06/01/2021	Source: Office of State Fire Marshal
Date Data Arrived at EDR: 06/02/2021	Telephone: 502-564-4010
Date Made Active in Reports: 08/23/2021	Last EDR Contact: 11/15/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/06/2023
	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: 04/08/2022	Source: EPA Region 9
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3368
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6137
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/07/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 06/13/2022	Telephone: 617-918-1313
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 04/11/2022	Source: EPA Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-6136
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-7591
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	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: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-9424
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 12/06/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/30/2023
	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: 09/14/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/15/2022	Telephone: 502-564-6716
Date Made Active in Reports: 12/06/2022	Last EDR Contact: 11/15/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/06/2023
	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: 09/14/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/15/2022	Telephone: 502-564-6716
Date Made Active in Reports: 12/06/2022	Last EDR Contact: 11/15/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/06/2023
	Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	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: 09/13/2022
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/02/2023
	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: 04/27/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/28/2022	Telephone: 502-564-6716
Date Made Active in Reports: 09/12/2022	Last EDR Contact: 09/22/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Varies

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: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

Lists of state and tribal brownfield 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: 05/11/2022	Source: Division of Compliance Assistance
Date Data Arrived at EDR: 05/13/2022	Telephone: 502-564-0323
Date Made Active in Reports: 08/03/2022	Last EDR Contact: 10/04/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/23/2023
	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: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2022	Telephone: 202-566-2777
Date Made Active in Reports: 03/10/2022	Last EDR Contact: 12/07/2022
Number of Days to Update: 0	Next Scheduled EDR Contact: 03/27/2023
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

SWRCY: Recycling Facilities

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

Date of Government Version: 09/04/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/14/2020	Telephone: 502-564-6716
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 10/13/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	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: 10/20/2022
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2023
	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
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
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: 07/29/2022
Date Data Arrived at EDR: 08/18/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 67

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Location Listing

Clandestine drug lab site locations.

Date of Government Version: 09/14/2022
Date Data Arrived at EDR: 09/15/2022
Date Made Active in Reports: 12/06/2022
Number of Days to Update: 82

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
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: 07/29/2022
Date Data Arrived at EDR: 08/18/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 67

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2022
Next Scheduled EDR Contact: 03/06/2023
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: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/01/2022
Next Scheduled EDR Contact: 01/09/2023
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: 09/19/2022
Date Data Arrived at EDR: 09/19/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 11

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

SPILLS: State spills

A listing of spill and/or release related incidents.

Date of Government Version: 08/10/2022
Date Data Arrived at EDR: 08/10/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 79

Source: DEP, Emergency Response
Telephone: 502-564-2380
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
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: 11/21/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 11/21/2022
Next Scheduled EDR Contact: 01/02/2023
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: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/27/2023
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

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: 10/03/2022
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/16/2023
	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: 11/03/2022
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/20/2023
	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: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 202-566-1917
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 09/20/2022
Number of Days to Update: 71	Next Scheduled EDR Contact: 01/02/2023
	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: 10/28/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/16/2023
	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: 10/28/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/16/2023
	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: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 09/12/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/26/2022
	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: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 11/01/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/27/2023
	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: 07/18/2022	Source: EPA
Date Data Arrived at EDR: 07/18/2022	Telephone: 202-564-4203
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 10/18/2022
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2023
	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: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 703-416-0223
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/13/2023
	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: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 10/27/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 01/30/2023
	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: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/16/2023
	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: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/16/2023
	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: 09/27/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/16/2023
	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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: 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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: 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: 10/26/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 13

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
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: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
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
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/23/2022
Next Scheduled EDR Contact: 03/13/2023
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
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/03/2022
Next Scheduled EDR Contact: 02/13/2023
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
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/24/2022
Next Scheduled EDR Contact: 02/06/2023
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: 06/30/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
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: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/21/2022
Next Scheduled EDR Contact: 01/02/2023
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: 10/06/2022
Number of Days to Update: 546	Next Scheduled EDR Contact: 01/16/2023
	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: 07/26/2021	Source: Department of Energy
Date Data Arrived at EDR: 07/27/2021	Telephone: 202-586-3559
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 10/27/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 02/16/2023
	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: 11/09/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/27/2023
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/01/2022	Telephone: 703-603-8787
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 12/01/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/09/2023
	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

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 08/01/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 59

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/28/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

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: 08/03/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/21/2022
Next Scheduled EDR Contact: 03/06/2023
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: 11/21/2022
Next Scheduled EDR Contact: 03/06/2023
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: 09/13/2022
Date Data Arrived at EDR: 09/14/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 82

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 11/30/2022
Next Scheduled EDR Contact: 03/20/2023
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: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 60

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 11/29/2022
Next Scheduled EDR Contact: 03/13/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 06/25/2022
Date Data Arrived at EDR: 07/01/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/30/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/15/2022
Next Scheduled EDR Contact: 03/06/2023
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2022
Next Scheduled EDR Contact: 02/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilities name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 10/26/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 222	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

PFAS: PFAS Detections Site Listing

The presence of PFAS contamination at locations, including water treatment plants.

Date of Government Version: 09/07/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/08/2022	Telephone: 502-564-3410
Date Made Active in Reports: 11/29/2022	Last EDR Contact: 11/30/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/20/2023
	Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

A listing of permitted Airs facilities.

Date of Government Version: 08/08/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/09/2022	Telephone: 502-573-3382
Date Made Active in Reports: 10/27/2022	Last EDR Contact: 10/20/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Semi-Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 09/14/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/14/2022	Telephone: 502-782-6780
Date Made Active in Reports: 12/06/2022	Last EDR Contact: 11/28/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/13/2023
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash pond site locations.

Date of Government Version: 04/04/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/26/2022	Telephone: 502-564-6716
Date Made Active in Reports: 07/15/2022	Last EDR Contact: 10/24/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner Listing

A listing of drycleaner facility locations.

Date of Government Version: 08/08/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/09/2022	Telephone: 502-573-3382
Date Made Active in Reports: 10/27/2022	Last EDR Contact: 10/20/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information.

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 08/24/2022
Date Made Active in Reports: 11/09/2022
Number of Days to Update: 77

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
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: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
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: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

LEAD: Environmental Lead Program Report Tracking Database

Lead Report Tracking Database

Date of Government Version: 01/27/2017
Date Data Arrived at EDR: 02/02/2017
Date Made Active in Reports: 08/21/2017
Number of Days to Update: 200

Source: Department of Public Health
Telephone: 502-564-4537
Last EDR Contact: 10/27/2022
Next Scheduled EDR Contact: 02/13/2023
Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 08/17/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 11/09/2022
Number of Days to Update: 84

Source: Department of Environmental Protection
Telephone: 502-564-3410
Last EDR Contact: 10/27/2022
Next Scheduled EDR Contact: 02/16/2023
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: 03/17/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 8

Source: Kentucky Geological Survey
Telephone: 859-323-0544
Last EDR Contact: 10/07/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

PCS ENF: Enforcement data

No description is available for this data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2022
Next Scheduled EDR Contact: 03/06/2023
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
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
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
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/08/2022
Date Made Active in Reports: 10/21/2022
Number of Days to Update: 74

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/16/2022
Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
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
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/07/2022
Next Scheduled EDR Contact: 02/27/2023
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: 12/01/2022
Next Scheduled EDR Contact: 03/20/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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
Other Pertinent Documents



ENVIRONMENTAL QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-13

Site Name: Nally Farm
Address: 3780 Springfield Rd 40069
Completed By: Leo Nally

The Site Owner and Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens? Yes No
Are you aware of any such liens against the subject property? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site? Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: _____

b. Describe any specific chemicals that may have been present at the property: _____

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: _____

d. Describe any other information that may help us identify possible contamination: _____

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. _____

7. **Historical USTs at the Property.**

Have there been any USTs at the property in the past?

Yes No

8. **Historical Water Use Wells at the Property.**

Have there been groundwater monitoring wells or water use wells at the Property?

Yes No

9. **Artificial fill or dumping at the Property.**

Has artificial fill or dumping taken place at the property?

Yes No

10. **Historical Utilities at the Property.**

Have utilities changed at the property (i.e. septic system or private well)?

Yes No

Tris Kelly
Your Signature

6/7/22
Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

Mark Kelly

Frontier Solar Site

Springfield, KY 40069

Inquiry Number: 7197924.5w

December 08, 2022

EDR DataMap™ Well Search Report



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

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

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GEOCHECK VERSION 2.1 SUMMARY

FEDERAL DATABASE WELL INFORMATION

MAP ID _____ WELL ID _____

NO WELLS FOUND

STATE WATER WELL INFORMATION

MAP ID _____	WELL ID _____
1	KY7000000045998
2	KY7000000046579
3	KY700000004995
4	KY7000000049371
5	KY7000000047196
6	KY7000000046354

PUBLIC WATER SUPPLY SYSTEM INFORMATION

NO WELLS FOUND

USGS TOPOGRAPHIC MAP(S)

37085-E2 LEBANON EAST, KY
 37085-E3 LEBANON WEST, KY
 37085-F2 SPRINGFIELD, KY
 37085-F3 SAINT CATHERINE, KY

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 40069

Number of sites tested: 1

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	1.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.900 pCi/L	100%	0%	0%

Federal Area Radon Information for Zip Code: 40033

Number of sites tested: 2

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	1.950 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.000 pCi/L	100%	0%	0%

GEOCHECK VERSION 2.1 SUMMARY

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 40033

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.950 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.000 pCi/L	100%	0%	0%

Federal Area Radon Information for Zip Code: 40069

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.900 pCi/L	100%	0%	0%

Federal EPA Radon Zone for WASHINGTON County: 2

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

Federal Area Radon Information for WASHINGTON COUNTY, KY

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.900 pCi/L	100%	0%	0%

Federal EPA Radon Zone for MARION County: 1

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

Federal Area Radon Information for MARION COUNTY, KY

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.600 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.900 pCi/L	100%	0%	0%

GEOCHECK VERSION 2.1 STATE DATABASE WELL INFORMATION

State Well Information:

Map ID:	1	Well Type:	Water Well
AKGWA ID:	30007996	Alt ID:	Not Reported
Well Status:	Not Reported	Well Name:	Not Reported
PWS ID:	Not Reported	Usage:	Domestic - Single Household
Surface Elevation:	0	Depth to Bedrock:	0
Total Depth:	0		
End Date:	Not Reported		

Map ID:	2	Well Type:	Water Well
AKGWA ID:	30009315	Alt ID:	Not Reported
Well Status:	Not Reported	Well Name:	Not Reported
PWS ID:	Not Reported	Usage:	Domestic - Single Household
Surface Elevation:	0	Depth to Bedrock:	0
Total Depth:	20		
End Date:	Not Reported		

Map ID:	3	Well Type:	Water Well
AKGWA ID:	00004916	Alt ID:	Not Reported
Well Status:	Plugged	Well Name:	Residence - Robert T Hodgen
PWS ID:	Not Reported	Usage:	Agriculture - Livestock Watering
Surface Elevation:	820	Depth to Bedrock:	0
Total Depth:	0		
End Date:	01-JAN-00		

Map ID:	4	Well Type:	Water Well
AKGWA ID:	40003118	Alt ID:	Not Reported
Well Status:	Not Reported	Well Name:	Not Reported
PWS ID:	Not Reported	Usage:	Domestic - Single Household
Surface Elevation:	0	Depth to Bedrock:	0
Total Depth:	0		
End Date:	Not Reported		

Map ID:	5	Well Type:	Water Well
AKGWA ID:	30010632	Alt ID:	Not Reported
Well Status:	Not Reported	Well Name:	Not Reported
PWS ID:	Not Reported	Usage:	Domestic - Single Household
Surface Elevation:	0	Depth to Bedrock:	0
Total Depth:	20		
End Date:	Not Reported		

Map ID:	6	Well Type:	Water Well
AKGWA ID:	30008832	Alt ID:	Not Reported
Well Status:	Not Reported	Well Name:	Not Reported
PWS ID:	Not Reported	Usage:	Domestic - Single Household
Surface Elevation:	0		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Total Depth:
End Date:

20
Not Reported

Depth to Bedrock: 0

KENTUCKY GOVERNMENT WELL RECORDS SEARCHED

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

State Wetlands Data: Wetland Inventory

Source: Environmental & Public Protection Cabinet

Telephone: 502-564-6736

Kentucky Water Well Records Database

Source: Kentucky Geological Survey

Telephone: 859-257-5500

Water Wells in Kentucky. Data from the Kentucky Ground Water Data Repository.

Oil and Gas Well Locations

Source: Kentucky Geological Survey

Telephone: 859-257-5500

Oil and gas well locations in the state of Kentucky

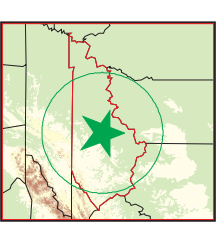
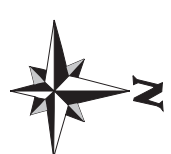
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EDR DataMap® Well Search

Frontier Solar Site

- Listed Water Wells
- Study Boundary
- Roads
- Major Roads
- Waterways
- Railroads
- Contour Lines
- Fault Lines
- Water
- Superfund Sites
- 100-Yr Flood Zones
- Wetlands



Springfield, KY



Scale in Miles



ENVIRONMENTAL QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-13

Site Name: Mackin Farm IV LLC
 Address: Lebanon Rd., Springfield, Ky
 Completed By: John Mackin

The Site Owner and Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens? Yes No
 Are you aware of any such liens against the subject property? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.
 Do you know of any obvious indicators of possible contamination on or near the site? Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: FARM LAND

b. Describe any specific chemicals that may have been present at the property: None known
Aware of except for traditional agricultural purposes.

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: NONE

d. Describe any other information that may help us identify possible contamination: N/A

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. NONE

7. **Historical USTs at the Property.**

Have there been any USTs at the property in the past?

Yes No

8. **Historical Water Use Wells at the Property.**

Have there been groundwater monitoring wells or water use wells at the Property?

Yes No

9. **Artificial fill or dumping at the Property.**

Has artificial fill or dumping taken place at the property?

Yes No

10. **Historical Utilities at the Property.**

Have utilities changed at the property (i.e. septic system or private well)?

N/A

Yes No



Your Signature

6/9/22
Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

ENVIRONMENTAL QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-13

Site Name: _____

Address: 3239 Saint Rose Rd, Lebanon, KY 40033

Completed By: Greg Morris

The Site Owner and Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens? Yes No
Are you aware of any such liens against the subject property? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.
Do you know of any obvious indicators of possible contamination on or near the site? Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: For agriculture use Row Crops and Cattle

b. Describe any specific chemicals that may have been present at the property: Only agriculture use Chemicals for Corn, Soybeans, and Wheat

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: None that I know of

d. Describe any other information that may help us identify possible contamination: None that I know of

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. Fletcher Clark - Deceased

~~Greg Morris~~ Mackin - Unknown

7. **Historical USTs at the Property.**

Have there been any USTs at the property in the past?

Yes No

8. **Historical Water Use Wells at the Property.**

Have there been groundwater monitoring wells or water use wells at the Property?

Yes No

9. **Artificial fill or dumping at the Property.**

Has artificial fill or dumping taken place at the property?

Yes No

10. **Historical Utilities at the Property.**

Have utilities changed at the property (i.e. septic system or private well)?

Yes No

I do not know of any



Dan Morris
Your Signature

6-7-22
Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

ENVIRONMENTAL QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-13

Site Name: Young Farm
 Address: St Rose Rd, Lebanon Ky
 Completed By: Grey Young

The Site Owner and Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens? Yes No
 Are you aware of any such liens against the subject property? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site? Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: Corn, ~~wheat~~, soybean crop rotation

b. Describe any specific chemicals that may have been present at the property: only Ag chemicals sprayed at label rates. No chemicals stored on property

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: N/A

d. Describe any other information that may help us identify possible contamination: N/A

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available.

Have owned property since 2009

7. Historical USTs at the Property.

Have there been any USTs at the property in the past?

Yes No

8. Historical Water Use Wells at the Property.

Have there been groundwater monitoring wells or water use wells at the Property?

Yes No

9. Artificial fill or dumping at the Property.

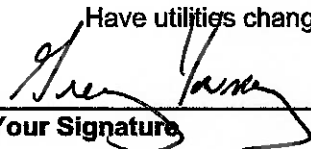
Has artificial fill or dumping taken place at the property?

Yes No

10. Historical Utilities at the Property.

Have utilities changed at the property (i.e. septic system or private well)?

Yes No


Your Signature

6/2/2022
Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

7. **Historical USTs at the Property.**

Have there been any USTs at the property in the past?

Yes No

8. **Historical Water Use Wells at the Property.**

Have there been groundwater monitoring wells or water use wells at the Property?

Yes No

9. **Artificial fill or dumping at the Property.**

Has artificial fill or dumping taken place at the property?

Yes No

10. **Historical Utilities at the Property.**

Have utilities changed at the property (i.e. septic system or private well)?

Yes No

Justin Spalding
Your Signature

6-22-22
Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

URGENT and CONFIDENTIAL

ENVIRONMENTAL QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-13

Site Name: Austin Spalding
Address: 1204 McLean Rd Springfield, Ky 40069
Completed By: Austin Spalding

The Site Owner and Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens?

Yes No

Are you aware of any such liens against the subject property?

Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site?

Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties?

Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site?

Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: _____

b. Describe any specific chemicals that may have been present at the property: _____

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: _____

d. Describe any other information that may help us identify possible contamination: _____

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. _____

ENVIRONMENTAL QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-13

Site Name: CIRCE O FARMS
Address: 2755 SAINT ROSE RD.
Completed By: MARK

The Site Owner and Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens? Yes No
Are you aware of any such liens against the subject property? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site. Do you know of any obvious indicators of possible contamination on or near the site? Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

- a. Describe the past uses of the property: FARM LAND
- b. Describe any specific chemicals that may have been present at the property: _____
- c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property: _____
- d. Describe any other information that may help us identify possible contamination: _____

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available. _____

7. **Historical USTs at the Property.**

Have there been any USTs at the property in the past?

Yes No

8. **Historical Water Use Wells at the Property.**

Have there been groundwater monitoring wells or water use wells at the Property?

Yes No

9. **Artificial fill or dumping at the Property.**

Has artificial fill or dumping taken place at the property?

Yes No

10. **Historical Utilities at the Property.**

Have utilities changed at the property (i.e. septic system or private well)?

Yes No

Mark P. Daniel
Your Signature

6-7-22
Date

of separate sheets attached: *0*
Explain Yes answers on a separate sheet.

USER QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-13

Site Name: Frontier Solar (FRON bn, LLC)

Address: 13123 E Emerald Coast Pkwy, Suite B#158, Inlet Beach, FL 32461

Completed By: Lindsey Hesch and Sean Cavanagh

The person who will use the Phase One should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens? Yes No

Are you aware of any such liens against the subject property? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

4. **Fair Market Value (FMV).** A purchase price significantly below FMV may indicate an environmental problem. Please note that this question does not require an appraisal of the property. If the price is significantly below FMV, the User should consider whether it might be because contamination may be present at the property.

Is the purchase price significantly below fair market value? Yes No

5. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site? Yes No

6. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: _____

All property owners have indicated that the only use that they know of on their land is farming,

b. Describe any specific chemicals that may have been present at the property: _____

c. Describe any other information that may help us identify possible contamination: _____



Your Signature

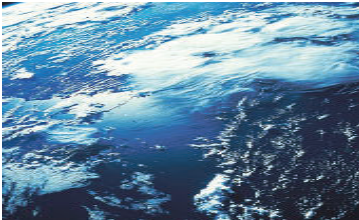
7/27/22

Date

of separate sheets attached: 0

Explain Yes answers on a separate sheet.

Appendix E
Professional Profiles



Christopher Wu

Partner

Chris is a Partner located in ERM's Raleigh, NC office with over 21 years of diverse environmental consulting experience. He has significant experience with local, state, and federal permitting experience related to a variety of different industries, including mining, asphalt, pulp and paper, and power sector projects. In addition, Chris also specializes in client and account management, project and program management, renewable energy permitting, NPDES, 404/401 permitting, NEPA, industrial and municipal SWPPP, SPCC/FRP development, regulatory compliance and enforcement, environmental auditing, water quality standards, water supply, stormwater, and expert witness testimony. Chris's current focus is largely renewable energy permitting and oversees a national portfolio of projects of varying sizes (e.g., <5 MW to 500 MW) from numerous clients.



Experience: 21 years of experience in environmental policy and regulation

Email: christopher.wu@erm.com

LinkedIn: <https://www.linkedin.com/in/christopher-wu-78a4745/>

Education

- M.E.M. Environmental Management, Duke University, USA, 2004
- B.A. Environmental Studies/Sociology, Tufts University, USA, 2000

Languages

- English, native speaker

Fields of Competence

- Renewable energy permitting
- Environmental policy and regulation
- Environmental compliance
- Project and program leadership
- Federal, state, and local permitting
- NPDES permitting
- NEPA

Key Industry Sectors

- Power
- Renewable energy

Chris's current focus is largely renewable energy permitting and oversees a national portfolio of projects of varying sizes (e.g., <5 MW to 500 MW) from numerous clients. Clients have leveraged his experience and expertise with renewable energy permitting to successfully permit projects nationally. Prior to his time as a consultant, Chris worked for the North Carolina Department of Environmental Quality, Division of Water Resources.

Key Projects Prior to Joining ERM

Combined-Cycle Plant Permitting, Confidential Client, 2016 – 2018.

Previously permitted a natural gas-fired combined-cycle power generating facility in Reidsville, NC. The scope of work includes wetland delineations, linear field evaluations, agency negotiations, 316(b) reporting, and development of mitigatory measures. The project was the first NPDES permit to have 316(b) written into the permit language, and monitoring requirements were successfully negotiated.

Multi-Disciplinary Permitting, Confidential Client, 2007 – 2017.

Chris served as the program/account manager for a confidential industrial client in eastern North Carolina. Over the years, his support included permitting support, statistical analyses/modeling of effluent, salt wedge migration analysis, drought monitoring support, 316(b) alternatives review, and fish dioxin data review. Chris also developed the Methanol Factor Probability Estimation Model, a statistical model that estimates methanol removal from air stripper columns. This model was approved for use by NC DAW and written into the facility's Title V permit.

Combined-Cycle Plant Permitting, Confidential Client, 2016 – 2018.

Previously permitted a natural gas-fired combined cycle generating facility in Charles City County, VA. The scope included wetland delineations, linear field evaluations, agency negotiations, 316(b) reporting, and development of a mitigation plan.

Combined-Cycle Plant Permitting, Confidential Client, 2014 – 2018.

Chris conducted a mixing zone analysis in support of a NPDES permit for a natural gas-fired combined cycle generating facility in VA. The scope of services included development of a mixing model in Microsoft Excel and summarizing the methods and findings in a technical memorandum delivered to the client. As part of this effort, a review of the VPDES permit application as also conducted.

For this same client, Chris also conducted a statistical analysis of NOX and SO2 emissions for several facilities located in South Carolina. This analysis was successfully used by the client when renewing permits.

Compliance Support, Confidential Client, 2014 - 2020

Previously assisted with the permitting of a NJ gas-fired facility, including development of a local county EIS. In addition, developed SPCC/FRP/SWPPP for the client's Delaware assets, and also recently managed a wetland delineation and FAA analysis in preparation for development of a solar facility. Currently awaiting preliminary arrays prior to determining permitting path.

Mine Permitting, NC, 3M Company, 2012 – 2021.

Since 2012 managed the expansion permitting for 3M Company. The expansion included the permitting of 800 acres of additional land to be added to 3M's quarry and stockpile operations. The scope of work included: regulatory review, wetland delineations, threatened & endangered species support, local permitting, major buffer variance request, individual 404 permit/401 water quality certification, Alternatives Analysis development in support of an Environmental Assessment, mitigation plan development and rate negotiation, mine permitting, stormwater pollution prevention plan and spill prevention control and countermeasure plan development, and stormwater sampling. The major buffer variance was the first ever variance issued by the County.

Transmission Line Permitting, Cleveland County, NC, Confidential Power Client, 2010 - 2011.

Previously managed 404/401 permitting, construction stormwater permitting, agency negotiation and construction compliance for a transmission line located in Cleveland County, NC and traversed into Cherokee County, SC.

Power Plant Permitting, Rockingham, NC, Confidential Client, 2017 - 2019.

Oversaw the permitting of a gas-fired power plant and affiliated structures that discharged to the Dan River. The permitting occurred after the Duke Energy Coal Ash Spill which heightened the scrutiny of the applications. Scope of work included delineations, 404/401 permitting, NPDES permitting, and mixing zone modeling. This project was also the first development to successfully have components of 316(b) regulations written into its NPDES permit.

Pipeline Natural Resources and Database Support, Confidential NC Pipeline Client, 2014 - 2015.

Managed a wetland and T&E reconnaissance project for over 100 miles of natural gas pipelines at a military base in southeastern North Carolina.

Compliance Support, NC, Power Client, 2010 - 2021. For over a decade, managed compliance of two NC power generating facilities, one located in Cleveland County the other in Rowan County. Scope of work included NPDES permitting, stormwater no-exposure certification, SPCC and FRP development, and on-call compliance support.

Hazardous Waste Support, Wake County, NC, Power Sector Client, 2016 - 2020.

Managed and developed site-specific chemical plans and hazardous materials management plans (SSP-HMMPs) for four natural gas compressor facilities located in Raleigh, Cary, and Apex, North Carolina. Development of each plan was based on a detailed site visit that included an inspection of all hazardous chemicals stored onsite and a review of evacuation and response procedures in accordance with Title III of the Superfund Amendments and Reauthorization

Act (SARA Title III) and Emergency Planning and Community Right-to-Know Act (EPCRA). Each plan was modified to reflect the latest chemical storage inventory, and evacuation and response procedures were modified to remain consistent with applicable local, state, and federal requirements.

USDA RUS EAs, AR, SC, FL, Solar Power Clients, 2019 – 2021.

Directed the development of two EAs for two solar developments located in SC and AR, respectively. The Client is seeking USDA RUS funding, and as a result, an EA must be developed for each site.

EIS Development, VA, Power Client, 2019 - 2021.

Managed the development of a third-party EIS for the existing Surry to Skiffes Creek to Whealton transmission line. Working with the Corps as well as cooperating agencies (e.g., NPS, EPA) to develop an after-the-fact EIS for a line that has already been constructed and is operational.

M. Shaun Stokes, P.G.

Senior Consultant, Geologist

Shaun is a registered Professional Geologist based in Charleston, South Carolina. His current responsibilities include acting as the project manager for a major national telecommunications client and a national solar energy client. He oversees Phase I Environmental Site Assessments, Phase II ground water and soil sampling, asbestos surveys, geophysical surveys, and data interpretation. Technical activities include: senior review, database management, ground water remediation design, historical geological research, and assistance with quarterly and annual monitoring reports.



Experience: 17 years' experience in environmental consulting

Email: Shaun.Stokes@erm.com

LinkedIn: www.linkedin.com/in/michael-shaun-stokes-p-g-39a92b85

Education

B.S., Geology, College of Charleston

Professional Affiliations and Registrations

- Registered Professional Geologist in South Carolina
- Certified Asbestos Building Inspector

Languages

- English, native speaker

Fields of Competence

- Phase I Environmental Site Assessments to ASTM standards
- Site investigation and remediation
- Health and safety plans
- Ground water, soil, and surface water sampling
- Solid and liquid waste disposal generated during assessment activities

- Use of direct push (Geoprobe) and rotary drilling methods for collection of soil, rock, and water samples as well as classification of soils and bedrock samples
- Asbestos material surveys to AHERA standards
- Geophysical surveys and data interpretation
- Environmental database management systems
- Historical geological research

Key Industry Sectors

- Technology
- Renewable Energy Resources
- Utilities
- Chemical
- Oil and Gas
- Manufacturing

Key Projects

Telecommunications Project Manager, Nationwide

Project Manager for a major national telecommunications client. Oversee all network compliance related projects nationwide. Duties include: verification, budgeting, scheduling, staffing, senior review, QA/QC and project completion.

Solar Energy Developer Project Manager, Nationwide

Project manager for a major national solar energy developer. Partner with the client to complete all environmental due diligence relating to the siting and construction of utility scale solar facilities.

Environmental Due Diligence Technical Lead – Plant Scale Solar Facilities, Georgia

Phase I ESA technical lead for the development of a 20 site portfolio of plant scale solar facilities. Worked with the project manager and client following the initial results to craft innovative client favorable solutions to identified issues.

Environmental Due Diligence, Nationwide

Performed ASTM Phase I reports on numerous renewable energy, power, commercial, industrial, and retail petroleum sites throughout the United States.

Telecommunications Environmental Due Diligence, Nationwide

Performed ASTM Phase I reports on more than 3,000 telecommunication tower sites located throughout the United States. Projects executed on time and within budget.

AHERA Asbestos Surveys: GA, MS, MT, NC, SC, TN

Project Manager for numerous AHERA standard asbestos building material surveys. Surveys completed in industrial, residential, and commercial settings for demolition, owner awareness, and planning.

Former Conway Bombing Range UXO Geophysics, Conway, SC

Served as a team leader throughout a two-year cleanup of a WW2 bombing range in South Carolina. Performed geophysical data collection and reacquisition of anomalies for removal by UXO technicians.

Jennifer Parsons

Consultant II, Scientist

Jennifer is a Consultant II based in Charlotte, North Carolina. She graduated from Indiana University where she received a B.S. in Environmental Science. Jennifer is an experienced lead wetland delineator, technical writer, and enjoys preparing permitting applications and performing threatened & endangered species desktop assessments within the Atlantic and Gulf Coastal Plain and Eastern Mountains and Piedmont Army Corps of Engineers (USACE) Regions. She maintains a working knowledge of federal, state, and local natural resource regulations in Kentucky, Ohio, Pennsylvania, and Tennessee. At ERM, Jennifer focuses much of her time on performing wetland and stream delineations and preparing technical reports for renewable and power-related projects.



Experience: 1.5 years of environmental consulting experience

Email: Jennifer.Parsons@erm.com

LinkedIn: [linkedin.com/in/jennifer-parsons-18792217a](https://www.linkedin.com/in/jennifer-parsons-18792217a)

Education and Trainings

- B.S., Environmental Science
Indiana University, United States, 2020
- 38 Hour USACE Wetland Delineation Training,
November 2020
- American Safety and Health Institute – CPR,
AED, and Basic First Aid
- 10-hour Occupational Safety and Health
Administration (OSHA) Construction

Languages

- English, native speaker

Fields of Competence

- Wetland and Waterway Delineation
- Technical Writing
- Soil Description, Identification and Interpretation
- Rare, Threatened and Endangered Species
Desktop Assessments
- Terrestrial Plant Identification
- Policy and Research

Key Industry Sectors

- Land Development
- Renewable Energy
- Power and Transmission
- Oil & Gas

Key Projects

Natural Gas Pipeline Project, Ohio.

Provided project support for the Federal Energy Regulatory Commission by preparing a technical report documenting baseline site conditions, considering aquatic and terrestrial wildlife, and vegetation that could potentially be impacted by the proposed Project.

Key Projects Prior to Joining ERM

Renewable Energy Project, Eastern Tennessee.

Field lead for a wetland and stream delineation of an 1,800-acre proposed solar facility. Utilized sub-meter GPS and data collection equipment to delineate wetlands based on the *USACE Eastern Mountains and Piedmont Wetland Delineation Regional Supplement*. Jennifer also prepared the technical report and a Preliminary Jurisdictional Determination (PJD) for this project.

Wetland Mitigation Monitoring Project, Kentucky.

Field team participant to survey a wetland mitigation site over a 5-year period to evaluate soils and vegetative strata (herbaceous, shrub, and canopy) species' revegetation success and species diversity. The survey included stem counts by recording tree species, number of individuals, and percent cover in 20 vegetation plots.

Transmission Line, Western Tennessee.

Field lead for a wetland and stream delineation and associated reporting for an approximate 47-mile transmission line in Giles and Lawrence Counties, Tennessee; and Lauderdale County, Alabama. Jennifer also assisted with habitat surveys for the federal and state listed threatened and endangered species.

Land Development Project, Kentucky.

Lead wetland delineator and co-managed a land development project. Jennifer prepared the delineation report, Approved Jurisdictional Determination (AJD), and co-authored the Individual Permit application. Jennifer corresponded with the client and USACE during the permit application submittal.

Renewable Energy Project, North Carolina.

Field lead for a wetland and stream delineation of an approximately 720-acre proposed solar facility. Utilized sub-meter GPS and data collection equipment to delineate wetlands based on the *USACE Eastern Mountains and Piedmont Wetland Delineation Regional Supplement*. Jennifer also prepared the technical report and completed an AJD for this project.

Renewable Energy Project, Pennsylvania.

Field lead for wetland and stream delineation and associated reporting for an approximately 540-acre proposed solar facility. Utilized sub-meter GPS and data collection equipment to delineate wetlands

based on the *USACE Eastern Mountains and Piedmont Wetland Delineation Regional Supplement*.

Renewable Energy Project, Kentucky.

Field lead for a wetland and stream delineation and habitat assessment for an approximately 102-acre project site. Jennifer assessed the project for bat habitat and potential roost trees where four trees were identified.

Transmission Line, Western Tennessee.

Lead wetland delineator for an approximate 24-mile transmission line. Jennifer also assisted surveying for and identifying habitat for the state listed species of special concern Hairy Umbrella-sedge (*Fuirena squarrosa*) that was known to occur in the project area.

Renewable Energy Project, Western Tennessee.

Field lead a wetland and stream delineation and associated reporting for an approximately 2,000-acre solar project. Utilized sub-meter GPS and data collection equipment to delineate wetlands based on the *USACE Eastern Mountains and Piedmont Wetland Delineation Regional Supplement*.

Distribution Center Project, Indiana.

Field lead for a wetland and stream delineation for an approximately 113-acre site in Elkhart County, Indiana. Jennifer also prepared the delineation report, PJD, and coordinated with US Fish and Wildlife Service (USFWS) and Indiana Department of Natural Resources (INDNR) for threatened and endangered species review.

Renewable Energy Project, Illinois.

Conducted a preliminary field reconnaissance assessment for an approximately 55,000-acre project site in central Illinois, verifying the presence/absence of NWI and NHD features and identifying potential bat habitat.

Elyse Johnston

Consultant I, Scientist - Impact Assessment

Elyse Johnston is a soil, biological, and environmental scientist with over five years of experience in soil science. She is actively gaining more wildlife biological experience, and is namely expanding her areas of expertise to include bat biology. Her career highlight is her position as an environmental consultant for Data Centers in Virginia since 2020 with site due diligence, permitting, construction, and compliance under Lexi Jones. She has extensive experience in efficiently executing wetlands delineations and wetlands Section 404 permitting approval through governing agencies; which aids in assisting in site development, design, construction, and compliance. She also has assisted with numerous wildlife and threatened and endangered species surveys, including bat presence/absence, habitat, soil stability, vegetation communities, invertebrate host plants, and herpetology. Her career has been focused on expanding both her learned knowledge and experiences along with her network of client communication and relationships, with the overarching goal of sustainable project management and obtaining her Licensed Professional Soil Scientist (LPSS), Certified Wildlife Biologist (CWB), and Professional Wetland Scientist (PWS).



Experience: 5+ years of experience in analytical soil science, 2+ years of experience in environmental due diligence, delineating, permitting, and compliance, 1+ year of experience with wildlife surveys

Email: elyse.johnston@erm.com

LinkedIn: <https://www.linkedin.com/in/elyse-johnston-5a26a119b/>

Education

- BS. Crop and Soil Environmental Science, Virginia Polytechnic Institute and State University, USA, 2019

Professional Affiliations and Registrations

- ESIN2091
- SWIN2248
- OSHA 40-Hr HAZWOPER Training

Languages

- English

Fields of Competence

- Soil science & sampling
- Bat biology (mist netting, acoustics)
- Wildlife surveying & assessments
- Ecological surveying & assessments
- Biological baseline surveys
- Environmental permitting and compliance
- Wetlands delineations and reporting
- Site due diligence and feasibility
- Phase I & II environmental site assessments
- Erosion & sediment control
- Storm-water management
- Technical writing & editing
- Analytical data screening
- GIS (ArcMap)
- Autodesk AutoCAD (Civil)
- Trimble software (sub-meter GPS)

Key Industry Sectors

- Data Centers
- Government
- Oil & Gas
- Power & Transmission
- Renewables (Solar, Wind)
- Mining

Key Projects

Confidential Project

Field biologist for conducting long-term baseline biological field surveys in the remote Mojave Desert, including, but not limited to, vegetation community, soil stability, special status plants, invertebrate host plants, desert tortoise, and habitat mapping. Enlisted to help with drafting Biological Baseline Report, specifically the soil stability and vegetation community sections.

Wildlife Resource Surveys, ID

Lead field biologist for conducting biological amphibian surveys on a historic underground and open-pit mining (as well as timbering) site in compliance with the Visual Encounter Survey (VES) for Amphibians Standards to aid in the development of an open-pit gold and silver mining operation in the Owyhee Mountains, ID. Performed wildlife resource surveys to determine species presence and spearheaded data collection to aid in further mine design & National Environmental Policy Act (NEPA) analysis.

Mist Netting Bat Surveys, WV, NC, TN

Biological technician under a Certified Wildlife Biologist, conducting presence/probable absence pre-construction mist-net surveys for proposed linear pipeline clients in West Virginia and for a proposed non-linear, renewable client in North Carolina, and at the annual Tennessee Bat Blitz for the 2022 bat season. Handled adult and juvenile Tri-colored (*Perimyotis subflavus*), Eastern red (*Lasirius borealis*), and Big brown (*Epstusicus fuscus*) bats; collected data; set-up and broke-down 'Chenger' sets; designed, engineered, and manufactured single-high net sets, which proved to be cheaper and more efficient than the 'Chenger' sets. Performed the lead biologist's end-of-year reporting for training experience.

Acoustic Bat Surveys, VA

Acoustic deployment and data collection for a linear transmission project and a non-linear renewable project. Equipment management of acoustic units (SM4 detectors) using internal battery power,

organization of data, appropriate maintenance, and equipment breakdown.

Data Center Development, VA

Team member (in-field consultant, wetlands delineator, ESIN/SWIN) for evaluating existing environmental programs with identification of tasks, risks, and mitigation. Team member for developing a regional wetlands mitigation solution, with synergized community and sustainability aspects.

Wetlands Monitoring & Compliance, VA

Lead consultant for monitoring impacts to wetlands onsite at an active construction site (data center) in central Virginia. Inspects site once a month for compliance, and advises and facilitates remediation. Performs regulatory reports, correspondence and coordination throughout entire project planning, design, and implementation process.

Renewable Energy Development, VA, OH, NY, PA, KY

Field technician as a wetland and waterbody delineator for both solar and wind energy clients, per the Regional Supplements (including Atlantic & Gulf Coast Supplement and Eastern Mountains & Piedmont Supplement) to the US Army Corps of Engineers (USACE) 1987 Wetland Delineation Manual. Developed complete jurisdictional determination reports as well as critical issues analyses. Also acted as a wetland "re-flagger," to assist in initiating construction on both wind farm itself and its transmission line in upstate New York.

Natural Gas Pipeline Development, VA

Field technician as a wetland and waterbody delineator in the Coastal Plain for replacement efforts of linear pipeline projects and their associated transmission/utility lines and access roads.

Terrasond Guyana Shore-to-Coast Pipeline Development, GUY

Soil and groundwater data analyst, screening analytical data's nutrient, pesticide, herbicide, polychlorinated biphenyl, heavy metals, volatile organic compound and

semi-volatile organic compound contents, as well as productivity, pH, total organic carbon, and specific conductivity, where applicable.

Phase I Environmental Site Assessments, VA, PA, KY, WV

Phase I Environmental Site Assessor, namely to assist with continued data center, pipeline, and renewable energy developments; has also performed site assessments on landfill-adjacent sites. Performed soil sampling to analyze for the following: RCRA 8 Metals (US EPA 6010), VOCs (USEPA 8260B), total petroleum hydrocarbons (TPH)-diesel range organics (DRO) and TPH-gas range organics (GRO) compounds (US EPA 8015B).

Red Spruce Vegetation Monitoring, WV

Conducted post-construction monitoring of planted red spruce (*Picea rubens*) to aid in mitigation efforts for a linear pipeline in the Allegheny Mountains.

Threatened & Endangered Species, Habitat Assessments, VA, NV, WV, PA, KY, NC

Performed aerial desktop suitable habitat assessments for Rafinesque's big-eared bat (*Corynorhinus rafinesquii*) & Timber rattlesnake (*Crotalus horridus*) for a linear pipeline project in VA. Performed numerous surveys across the country assessing and classifying generic habitat conditions, as well as suitable habitat for other threatened & endangered species.

Key Projects Prior to Joining ERM

Data Center Development, VA

Team member of AE site due diligence teams in region on 5 sites, which included wetlands delineation, threatened and endangered species review, cultural resources Phase IA, compensatory mitigation, site planning, and project management. As sites gained signal, developed section 404 wetlands permit applications with submission and approval, which included delivering a Permittee Responsible Mitigation solution. Following permit issuance, worked with General Contractor and site teams to conduct weekly SWPPP inspections and reporting as

well as monthly wetlands monitoring and compliance inspections. Performed regulatory correspondence and coordination throughout entire project planning, design, and implementation process.

Mecklenburg County Public School Campus Development, VA

Conducted wetlands delineation and section 404 wetlands permitting for a multi-school consolidated campus for Mecklenburg County. Worked directly under project manager for cultural resource study efforts, which included the extraction of resources within proposed building footprint. Conducted wetlands compliance inspection and reporting, which included team collaboration and coordination amongst contractors and teams.