



Montgomery IL Solar 1, LLC Solar Farm Development Permit Application

Montgomery-Ellinger Solar Litchfield, IL 62056

LAT/LONG: 39.1759089575, -89.6013189

PIN: 10-36-300-013, 15-02-200-029

Prepared by: Summit Ridge Energy



Table of Contents

EXECUTIVE SUMMARY	2
APPLICANT INFORMATION	2
SUMMIT RIDGE ENERGY	2
PLAN OF PROPOSED CONDITIONS	2
PERMITTING (Subsection 10 – Application for Solar Farm)	3
COMPLIANCE (Subsection E)	4
SOLAR FARM PRINCIPAL USE REQUIREMENTS	5
Ground Cover and Buffer Areas	5
Foundations	5
Other Standards and Codes	5
Communication and Power Lines	5
Site Plan	6
Setbacks	6
Aviation Protection	6
Glare	6
Safety Fencing	6
Gates and Locks	6
DECOMMISSIONING	7
SOLAR FARM DEVELOPMENT PERMIT APPLICATION	8
EXHIBIT A – SITE PLAN	9
EXHIBIT B – ALTA Survey	10
EXHIBIT C – INTERCONNECTION AGREEMENT	11
EXHIBIT D – ENVIRONMENTAL STUDIES	12
Phase I Environmental Site Assessment	12
Threatened and Endangered Species Review	13
SHPO Concurrence	14
EXHIBIT E – AGRICULTURAL IMPACT MITIGATION AGREEMENT	15



EXHIBIT F – DECOMMISSIONING PLAN	16
EXHIBIT G – VEGETATIVE MAINTENANCE PLAN	17
EXHIBIT H – EQUIPMENT SPEC SHEETS	
Modules (Solar Panels)	
Inverters	19
EXHIBIT I – FAA NOTICE CRITERIA TOOL	20
EXHIBIT J – MEMORANDUM OF LEASE	21
EXHIBIT K – CIVIL SET	22
EXHIBIT L – WETLAND DELINEATION	23
EXHIBIT M – CORRESPONDENCE WITH MONTGOMERY COUNTY	24
EXHIBIT N – CAB WIRE MANAGEMENT BROCHURE	25
EXHIBIT O – MONTGOMERY COUNTY SOLAR ORDINANCE	26
EXHIBIT P – GEOTECHNICAL REPORT	27



EXECUTIVE SUMMARY

Montgomery Solar IL 1, LLC "Applicant" is a wholly owned subsidiary of Summit Ridge Energy, LLC and is proposing to develop a 4.99 MW AC community solar project on an approximately 33.946-acre area of land on parcel pins 10-36-300-013 and 15-02-200-029 owned by Dustin and Dee Ellinger (4388 Illinois Route 16, Litchfield, Illinois 62056) which are currently Agricultural Use parcels. The proposed Solar Project is described in more detail on the proposed Site Plan set forth in Exhibit A. The Applicant is submitting this packet for approval pursuant to the requirements set forth in the Montgomery County Solar Ordinance regulating Solar Farm and Solar Garden Installations in Unincorporated Montgomery County, Illinois (Revised August 13, 2024) (Exhibit O).

APPLICANT INFORMATION

Montgomery Solar IL 1, LLC (a wholly owned subsidiary of Summit Ridge Energy, LLC)
Chase Wittich
1000 Wilson Blvd, Suite 2400
Arlington, VA 22209
(410) 458-6983
chase.wittich@srenergy.com

SUMMIT RIDGE ENERGY

Summit Ridge Energy LLC ("SRE") is the nation's leading commercial solar company and the largest commercial solar developer and owner-operator in the State of Illinois. SRE is an acting long-term owner and operator of solar projects. Since launching in 2017, SRE has deployed over \$2B USD into clean energy assets. Our development pipeline will generate more than 2 gigawatts of energy and bring over 125,000 direct construction jobs, nearly \$145 million in local property taxes and over \$500 million in customer savings over the next 7 years.

SRE has invested over \$1 billion in Illinois through the development and acquisition of 136 individual solar projects located in 51 counties, which includes more than 278MWdc across the state. The projects have brought electric bill savings to more than 40,000 Illinois homes and businesses.

SRE implements best management practices that minimize and/or eliminate the impact of a solar site for the life of the project in accordance with all federal, state, and local regulations.

PLAN OF PROPOSED CONDITIONS

Applicant is proposing a 4.99MW AC Community Solar project located north of Illinois State Route 16 and East of Litchfield Quarry Rd in Litchfield, IL 62056 (IN THE SOUTHEAST 1/4 OF SECTION 35 AND SOUTHWEST 1/4 OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 5 WEST, AND IN THE NORTHEAST 1/4 OF SECTION 2 AND NORTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE SECOND PRINCIPAL MERIDIAN, MONTGOMERY COUNTY, ILLINOIS). The land is owned by Dustin and Dee Ellinger, Parcel PIN 10-36-300-013; 15-02-200-029. The applicant entered into an



Option to Lease agreement with Dustin and Dee Ellinger on February 5, 2024, evidenced by the recorded Memorandum of Option to Ground Lease attached hereto as Exhibit J.

The project will consist of equipment to generate electricity from solar energy, including rows of photovoltaic cell modules mounted on post driven into the ground. Applicant will install modules in rows in an east to west configuration on a single axis tracker. The components of the solar project will comply with the current edition of the National Electric Code and be UL certified. The modules are designed with an anti-reflective coating to minimize glare. Transformers, inverters, switchboards, and other equipment will be located on concrete pads. The spec sheets for the solar panels and inverters in the project are attached to this application (Exhibit H).

Project interconnection poles will convey electricity along utility-controlled interconnection poles to the Ameren owned electric distribution system. The applicant's agreement with Ameren is attached to this application as Exhibit C. A perimeter fence will enclose all the panels and electrical equipment on site, which will be accessed via a locked gate. A Knox Box will on-site at the entrance to allow access by emergency responders.

Attached to this application are Environmental, Wildlife, and Historic Preservation studies completed to assess the suitability of the project location. Per the attached studies and reports in Exhibit D, there were no recognized environmental or historical conditions on the project site.

PERMITTING (Subsection 10 – Application for Solar Farm)

A. Plan for the Solar Farm

- i. The site plan in Exhibit A shows the actual proposed dimensions and shape of the parcel and Solar Farm to be constructed. Additionally, all components within the solar farm are shown such as the modules, equipment pads, utility point of interconnection, and fence.
- ii. The site plan (Exhibit A) includes the location of any roads, lakes, ponds, or streams in the vicinity of the parcel where the facility is located. Additionally, the applicant has provided the Wetland Delineation report detailing where any wetlands are located (Exhibit L).
- iii. The site plan (Exhibit A) includes the dimensions and location of the proposed solar farm.
- iv. The fencing plan is shown on drawing C-05 in the Civil Set (Exhibit K).
- v. Stormwater Pollution Prevention Plan Erosion and sediment controls are shown within
 the Civil Set included in this application as Exhibit K. A full Stormwater Pollution Prevention
 Plan will be created during the engineering phase of the project as the plans are finalized. The
 plan will be shared with county and local officials prior to issuance of a building permit.
- iv. A Decommissioning Plan (Exhibit F) has been attached to document the steps that will be taken to restore the site to pre-development conditions after the community solar project reaches the end of its useful life.



B. EcoCAT Sign off

The Threatened and Endangered Species Report in Exhibit D includes the ECOCAT consultation. The applicant will follow recommendations as needed.

COMPLIANCE (Subsection E)

Approved Solar Components: Electrical solar energy system components must have UL listing or approved equivalent and solar hot water systems must have an SRCC rating.

Included as Exhibit H, the applicant is providing spec sheets of the project's solar panels and inverters, documenting UL certification. The applicant will provide data sheets for other major equipment upon request. Some major equipment will be ordered after permitting is complete.

Compliance with Building Code:

The applicant will comply with all applicable building codes.

Compliance with State Electric Code

The applicant will adhere to the State Electric code as well as NEC.

Compliance with State Plumbing Code

Project will not require the installation of plumbing.

Compliance with State Energy Code

As the facility will not consume energy or be heated/cooled, energy efficiency standards will not apply.

Compliance with State Drainage Laws

The project will comply with State Drainage laws, produce and implement an acceptable SWPPP, and work with County Officials to stay in compliance. The applicant has confirmed the project location is not within a drainage district.

Utility Notification

Applicant has entered into an Interconnection Agreement with the utility, Ameren. The fully executed Interconnection Agreement is included in this application as Exhibit C.

Agricultural Protection

Exhibit E is an Agricultural Impact Mitigation Agreement with the Illinois Department of Agriculture. Furthermore, the applicant has included a Decommissioning Plan with this application (Attachment F). The system will be removed from the land at the end of its life, allowing it to be farmed again.

Endangered Species and Wetlands

Exhibit D is the Threatened and Endangered Species Assessment for the project, documenting whether endangered species are on site, and mitigation efforts that need to take place, if applicable. The applicant will follow best management practices and recommended conservation measures as needed. Also included as Exhibit L is the wetlands delineation report, documenting where wetlands were located the project area. Identified wetlands are also depicted in the Site Plan provided with this application (Exhibit A).



Storm water and NPDES (National Pollutant Discharge Elimination System)

The applicant has proposed initial Erosion and Sediment control measures in the attached Civil Set (Exhibit K). Prior to the start of construction, the contractor hired by the applicant will adhere to all requirements for NPDES. The contractor and applicant will also create a Storm Water Pollution Prevention Plan that will be shared with the county prior to the issuance of a building permit.

SOLAR FARM PRINCIPAL USE REQUIREMENTS

Ground Cover and Buffer Areas

No topsoil will be removed during the development of the project. Although some soil may be disturbed during the installation of the access road and equipment pads, no cover will be completely removed. The applicant has attached a Civil Set (Exhibit K) that details the proposed vegetative cover, seeding, and plantings as well as a Vegetative Maintenance Plan (Exhibit G) that details the continued maintenance of the vegetation on site. The Vegetative Management Plan will comply with the Illinois Noxious Weed Law and the Illinois Endangered Species Act. Due to the topographic characteristics of the proposed array, the applicant proposes screening along the lease boundary to the south and fence line to the east.

Foundations

The attached Civil Set (Exhibit K) provides initial civil details as well as the proposed foundations for the solar project. Further engineering will be completed and certified by a licensed engineer in the state of Illinois closer to the start of construction and prior to issuance of a Building Permit. All designs will comply with professional standards and be within accepted professional standards given local soil and climate conditions. The applicant has conducted a Geotechnical study to provide recommendations for the design of the foundation (Exhibit P).

Other Standards and Codes

The applicant will comply with all applicable local, state and federal regulatory codes including the International Building Code and National Electric Code. All equipment will be UL listed. Datasheets for the proposed modules and inverters attached as Exhibit H.

Communication and Power Lines

Applicant proposes the use of a cable management system, "CAB," for cables running from rows of solar panels to combiner boxes and to inverters. The applicant has provided a brochure within this application detailing the design and function of CAB wiring (Exhibit N). The proposed pathways of the above ground wires are shown on the site plan in Exhibit A. Applicant has verified with the County engineer that CAB is acceptable internally, see correspondence with County in Exhibit M. All medium voltage power lines spanning from the transformer to the pole lineup at the Point of Interconnection with the Utility will be underground.



Site Plan

The attached ALTA Survey (Exhibit B) and Site Plan (Exhibit A) include the details of the proposed and existing conditions showing the location of the solar array, equipment structures including inverter racks and equipment pads, access roads, floodplains, wetlands and other topography.

Setbacks

The Applicant's proposed project adheres to all setback requirements. Setbacks can be seen on the Site Plan (Exhibit A).

- Fifty (50') feet from all property lines of the parcel land upon which the Solar Farm is location or to be located.
- Fifty (50') feet from the Right-of-way of any public road.
- One hundred fifty (150') from the nearest point of the outside wall of any occupied community building or dwelling.
- All setbacks measured from the exterior of the fencing and gates.

Aviation Protection

The Applicant has verified through the FAA Notice Criteria Tool that there will be no adverse effects on aviation safety due to construction of a solar facility at this location. FAA Notice Criteria Tool's results included in this application as Exhibit I.

Glare

The applicant will use modules that utilize an anti-reflective coating to reduce glare, see module data sheet (Exhibit H). The applicant also will utilize the existing forestry to the north and west as well as screening to the south and east to reduce visual impact.

Safety Fencing

The applicant proposes the installation of an 8' high fixed knot agricultural style fence around the perimeter of the project. The fence will be constructed to substantially reduce the likelihood of entry by individuals. The fence will be maintained throughout the course of construction as well as during operation for the entire life of the project until it is removed during decommissioning. The Civil Set (Exhibit K) includes a diagram of the proposed fence.

Gates and Locks

The applicant proposes the installation of one access/security gate for the project, detailed in the Civil Set, it will be eight feet in height. The gate will be inspected along with the rest of the facility several



times a year, during vegetation maintenance, described in Exhibit G. The gate will be locked with a Knox Box located nearby. Code for Knox Box will be shared with emergency responders. Applicant will work with Emergency officials to create an Emergency Action Plan that is satisfactory to all parties prior to the start of construction.

DECOMMISSIONING

- 1. To restore the site to pre-development conditions when the project reaches the end of its useful life, the Applicant has attached the Decommissioning Plan (Exhibit F) and estimate in accordance with the projects signed Agricultural Impact Mitigation Agreement for review. Once approved, the applicant will issue a Surety Bond as a form of financial surety for the associated costs of decommissioning.
- 2. The Executed AIMA Agreement is attached to this application as Exhibit E



SOLAR FARM DEVELOPMENT PERMIT APPLICATION

Montgomery County, State of Illinois #1 Courthouse Square, Hillsboro, IL 62049 217-532-9530

http://montgomerycountyil.gov

APPENDIX A

PETITION / APPLICATION / REQUEST FOR A Solar Farm or Solar Garden Construction Permit. (Revised and effective 7-9-2024)

It is the responsibility of petitioners or requesters of actions placed before the Montgomery County Board to provide specific information and supporting data regarding proposed actions/projects in sufficient detail that will allow a decision to be made or a final course of action chosen. The Board shall not accept a petition or request as properly filed that is not sufficiently detailed, is missing information required by Ordinance, or does not provide sufficient sealed and signed professional studies, reports, and construction documents to support the request or petition based on the reasoned judgment of the Board. The Board is not responsible to make corrections or revise requests/petitions. Incomplete Applications will be returned.

Certain requests, such as a petition / application for a Solar Farm or Solar Garden Construction Permit requires, the Board to conduct a Public Hearing on the matter. No Hearings will be scheduled until such time that petitions/requests have been "Accepted as Properly Filed" by the Board. Similarly, Petitions/Requests shall not be placed on a Board meeting agenda until such time that the petition/request has been "Accepted as Properly Filed" by the Board.

The Date on which the Petition / Application / Request is "Accepted as Properly Filed" constitutes the Legal Beginning Date of any such Construction for all purposes of defining whether a project has been initiated or was is progress in Montgomery County, Illinois.

This petition/application/request for a Solar Farm or Solar Garden Construction Permit shall be completed in its entirety and submitted to the Montgomery County Board, #1 Courthouse Square, Hillsboro, IL, 62049. Once the petition / application for a Solar Farm or Solar Garden Construction Permit is Accepted as Properly Filed by the Board. The application for a Solar Garden or Solar Farm will be reviewed by an independent engineer, appointed by the County at the Petitioners expense, to determine the impact of the use on public utilities, traffic volume and circulation, impact on near-by properties, compliance with Ordinances and laws, and other lawful factors as may be determined reasonable by the Board based on the individual Petition/Application. The Board, following a Public Hearing, prepares its Findings of Facts and may then take action regarding issuance of a Construction Permit.

Notice of the Public Hearing.

The County Board shall hold a Public hearing within sixty (60) days of receiving reviewed information from the independent engineer. At the hearing, any interested party may appear and testify, either in person or by duly authorized agent or attorney. Notice indicating the time, date, place, and the nature of the proposed Solar Farm or Solar Garden Construction Application, shall be given, according to Para. D2. of the Ordinance, before the hearing by:

- 1. First class mail to the applicant, and to all parties whose property would be directly affected by the proposed use; and
- 2. Publication in a newspaper of general circulation within this County; and

3. Publication on a state-wide web site.

The Petitioner / Applicant / Requestor is responsible to mail the notices to the last known property tax bill address by PIN number, and submit a Post Office certificate of mailing record to the County but only after receiving the approved text of the Notice from the County. This is at the Petitioner's /Applicant's / Requestor's sole expense.

Properly completed Applications for a Solar Farm or Solar Garden Construction, complete with supporting documentation, are to be submitted to the County Board with sufficient lead time for review based on the complexity of the individual request.

All petitioners, or their representative, must attend the County Board meeting(s) considering their request. If there is no representation the application may be removed from the agenda and rescheduled.

The Montgomery County Board shall make a decision within 30 days of the Public Hearing.

If you have any questions, please contact the Montgomery County Coordinating office at 217-532-9577.

SECTION BELOW TO BE FILLED OUT BY COUNTY OFFICIAL:

Date first Received	by the Office of The Mor	itgomery County Board:		
Date(s) County Bo	ard Date Returned applica	tion for more informatio	n (if applicable):	
Date County Board	requested revisions were	received (if applicable):		
Date accepted by C	ounty Board as properly f	iled:		
Filing fee:	Date paid:		Check number:	
	·			
Date of required Pu	ıblic Hearing Notice sent t	o Petitioner:		
. , 1	nd where published:			
Date notices sent: _		Public hearing date: _		w
County Board deter	mination:			

APPLICANT & PROPERTY OWNER INFORMATION (Print or Type): Applicant/Petitioner information: Company Name: Montgomery Solar IL 1, LLC (c/o Summit Ridge Energy) Contact Name and Title: Chase Wittich - Senior Manager, Project Development Phone number: (410) 458-6983 Mailing address for all official correspondence unless a Legal Representative is designated in which case all correspondence and contact will be made with that Legal Representative: 1000 Wilson Blvd, Suite 2400, Arlington, VA Property Owner Name(s): Dustin and Dee Ellinger Phone number: (217) 246-1605 Mailing address: 4388 Illinois Route 16, Litchfield, IL Zip: 62056 Designated Legal Representative (licensed to practice law in the State of IL) of Applicant (if any) Address: Zip: Designated Contact Person (if different from Applicant), to whom all phone calls, requests for information, clarifications, and coordinator for all actions regarding this Petition, who has the authority to act on behalf of the Petitioner in regard to this Petition/Application/Request. This does not apply if a Legal Representative has been designated in which case all contact will be made through that Legal Representative. Name: Same as Applicant Phone: Address: _____ Zip: _____ PROPERTY INFORMATION: Note: If additional space is needed, please attach additional sheets to the application and reference attachment description in application. 1. Location of the proposed use or structure, and its relationship to existing adjacent uses or structures: See attached Narrative and Site Plan in Application 2. Legal Description and Acreage: IN THE SOUTHEAST 1/4 OF SECTION 35 AND SOUTHWEST 1/4 OF --- SECTION 36, TOWNSHIP 9 NORTH, RANGE 5 WEST, AND IN THE NORTHEAST 1/4 OF SECTION 2 AND NORTHWEST 1/4 OF SECTION 1. — TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE SECOND PRINCIPAL MERIDIAN, MONTGOMERY COUNTY, ILLINOIS, 33,946-Acres.

3,	Area and dimensions of the site for the proposed structure(s) or uses.
	See Site Plan (Exhibit A) included with Application
4.	Present Use of property:
	Presently Agricultural Use
5.	Present Land Classification: 0021 - Farmland
6.	Proposed Land Use Activity / Nature of the Proposed Use, including type of activity, manner of operation, number of occupants or employees, and similar matters:
	4.99MW AC Community Solar Facility. No occupants. 2-4 workers
	on site for operation and maintenance as scheduled. Remotely
	monitored 24/7.
7.	Height, setbacks, and property lines of the proposed uses and/or structure(s).
	See attached Site Plan (Exhibit A) in Application Package
8.	Location and number of proposed parking/loading spaces by type of vehicles, to include Weight Classifications and size of access drives/ways.
	No Parking proposed. Entrance/Access shown on site plan.
9.	Existing and proposed screening, lighting (including intensity) landscaping, erosion control, and drainage) features on the site, including the parking areas.
	Proposed screening shown in Site Plan (EXHIBIT A). No lighting or parking
	areas proposed. Erosion Control show in Civil Set included in application.
10.	Disclosure of any potential environmental issues and methods for dealing with them.
	No recognized environmental conditions identified. See Phase I
	ESA in EXHIBIT D

	closure of any activities requiring outside agency permits and the names, addresses, and ne numbers of the agency points of contact and how those requirements are being met. IDOT Permit required for entrance. In discussion with IDOT - Kim
	Tribbet & Joe Angeli, (217) 782-7744
	cate the suitability of the property in question for Construction: at land with viable interconnection with the Utility. No environmental
	oncerns.
13. Ad	jacent Land Use:
Α	North: 0021 - Forested area
	South: 0021, 0090 - Farmland and State Route 16
C.	East: 0021 - Farmland
	West:0060, 0021 - Forested area
15. Should	this Use be valid only for a specific time period? YesNoX
	at length of time?
16. Does t a separate	he proposed Permit meet the following standards? Yes X No (If not, attach sheet explaining why.)
A.	Will the proposed design, location and manner of operation of the proposed Solar Garden or Solar Farm adequately protect the public health, safety and welfare, and the physical environment? Yes. See design (EXHIBIT A)
	along with site studies and other project due diligence
В.	Will the proposed Solar Garden or Solar Farm have a negative impact on the value of neighboring property? No, studies have shown there are no negative impacts to neighboring
	properties. Applicant can provide upon request.
C,	Will the proposed Solar Garden or Solar Farm have a negative impact on public utilities and on traffic circulation? No. We have a viable Interconnection Agreement with the Electric Utility confirming no impacts, no other utilities will be impacted. Additionally, we
D	— will create and provide a traffic control plan for the construction phase. — Will the proposed Solar Garden or Solar Farm have an impact on the facilities near the proposed Solar Garden or Solar Farm, such as schools or hospitals or airports that require special protection?
	No. FAA Screening complete. No other schools or hospitals in proximity to facility.

ATTACHMENTS REQUIRED:

- 1. At the time the application is filed, a non-refundable fee is to be paid by the applicant. The application fee for a Solar Garden is \$2,500.00 and the application fee for a Solar Farm Permit is \$2,500.00.
- 2. For entities governed by governing boards, a copy of the Board Resolution or Board Meeting Minutes authorizing the governing board's approval to carry out the requested project and to authorize the submission to Montgomery County by a designated entity officer of the required specific requests / applications / petitions is required to be submitted.
- 3. An area map and site plan from a certified Illinois licensed Engineer.
- 4. List of the names, current property tax addresses and property tax PIN numbers of property owners located within two-hundred feet and fifty (250') of the property.
- 5. A Decommissioning plan including:
 - A. Process details and cost estimate of decommission.
 - B. Anticipated life expectancy of the Solar Farm.
 - C. Method of insuring funds will be available for decommissioning and restoration of the project site to its original, natural condition prior to the solar farm construction.
 - 1. This includes a proposed schedule of payments to be deposited into an escrow account, on a minimum of a yearly basis, held by Montgomery County as assurance for available decommissioning funds.
 - D. The cost estimate of decommissioning will be reviewed every five (5) years, by the County's chosen Independent Engineer, and revised if necessary, at the Developers expense. The review and revised plan shall be sent to the Montgomery County Coordinating Office for Board review. If necessary, provisions will be made to the escrow account balance for the decommissioning of the Solar Garden or Solar Farm.

CERTIFICATION OF A SOLAR GARDEN OR SOLAR FARM PERMIT PETITION / APPLICATION / REQUEST

I/We the undersigned, agree that the information herein and attached is true. I/We, the undersigned, do hereby permit officials and/or consultants of Montgomery County, to enter the property described herein to complete a thorough review of this application.

Address: E. IL Route 16, Litchfield, IL 62056. LAT/LONG:	39.1759089575, -89.6013189
Parcel ID # 10-36-300-013; 15-02-200-029	
Applicant's Printed/Typed Name: Bridget Callahan	
Signature: Exilat (allahan	Date: 6/2/2025
Property Owner's Printed/Typed Name: Dustin Elling	ger
Signature:	Date: <u>05/21/2025</u>

Signature:	Date:
STATEMENT OF CONFORMANCE:	
of a Solar Farm or Solar Garden Construction laws and regulations of Montgomery County to understand that: I/We, the undersigned have no such time that a Solar Farm or Solar Garden Co County and have been so notified of issuance in	Permit described in this application have reviewed the othe extent that they are applicable to this proposal and reasonable expectation of approval of this request until onstruction Permit is actually issued by the Montgomery writing. I/We hereby acknowledge, attest to, and accept Solar Farm or Solar Garden Construction Permit in
 All building construction and all site coapproved by the Montgomery County B may take place without the prior written Any Permit, once issued, is non-transfer written approval of the Montgomery Cou That ALL actions associated with this B under the Laws of the State of Illinois a by any party in connection with this Sobrought forth in the Courts of Montgome That if the applicant is an Agent representation owners are aware of their legal responsivith Decommissioning if said lessor or a Solar Farm or Solar Garden Construction 	Permit process shall be taken, processed, and interpreted and Montgomery County and any legal remedies sought plar Farm or Solar Garden Construction Permit shall be bery County, Illinois for adjudication. Senting the actual owners of multiple properties, or is a session signed documentation that the actual property sibilities to be personally liable for the costs associated Agent fails for any reason to meet this requirement of the permit.
Applicant's Printed/Typed Name: Bridget Ca	allahan
Signature: Endyt (allahan	6 /2 /2025
Applicant's Legal Representative Printed/Typed	Name Signature and Date (If applicable):
Signature:	Date:

NOTE: It is the responsibility of the Applicant to notify the Montgomery County Coordinating Office at each stage of work completed once the Permit is issued. Email: cbadmins@montgomerycountyil.gov

Phone: 217-532-9577

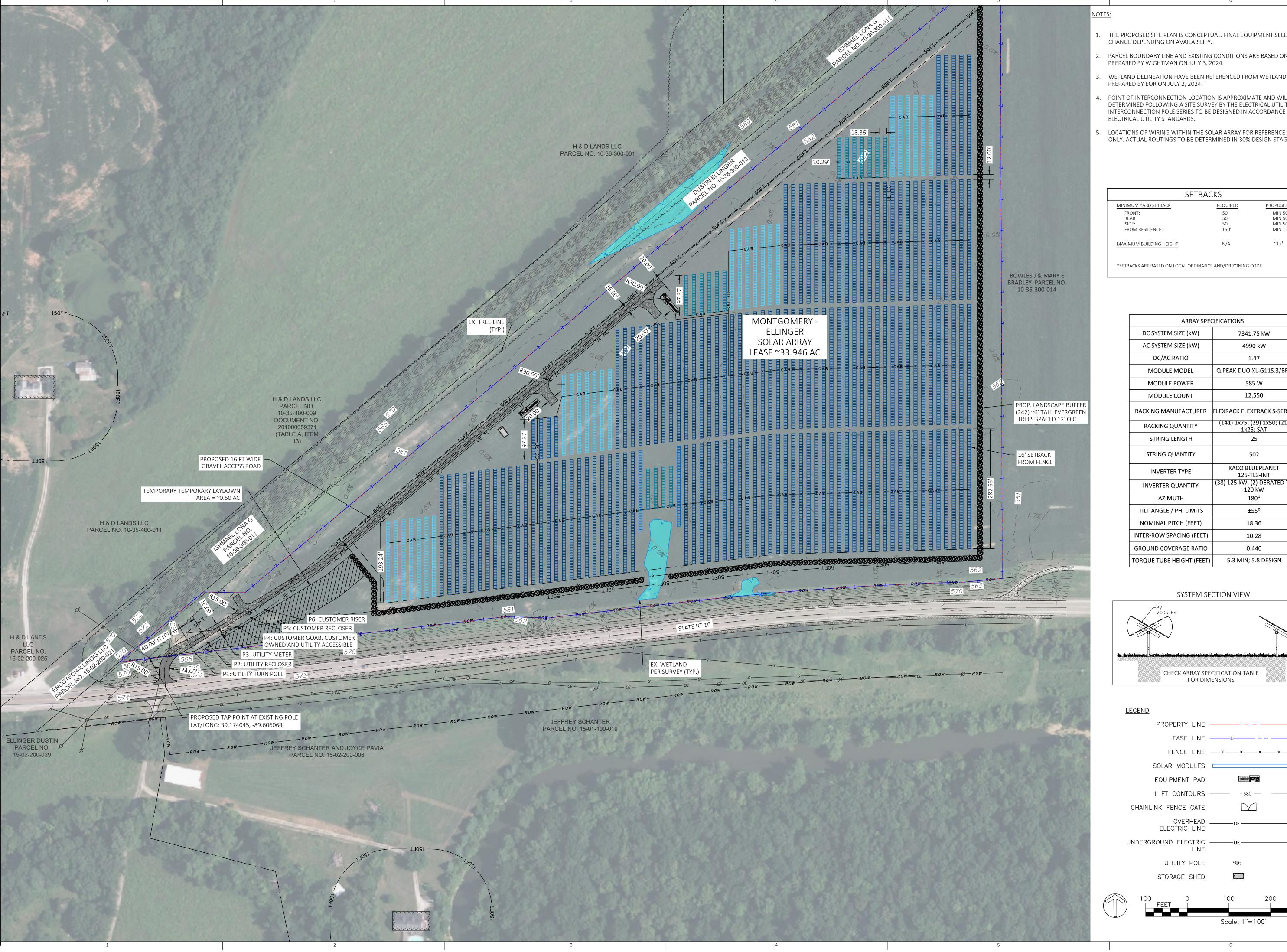
Address: Montgomery County Coordinator #1 Courthouse Square – Room 202

Hillsboro, IL 62049

	Adjoining and Adjacent Property Owners	
	Montgomery Ellinger Solar	
	Property Within 250 Feet of Parcel	
Owner Name	Owner Address	Parcel ID Number(s)
Dustin Ellinger and Dee Ellinger	4388 E Illinois Route 16 Litchfield IL 62056	15-02-200-028
Jeffrey Schanter and Joyce Pavia- Schanter	4428 Illinois Route 16 Litchfield IL 62056	15-02-200-008
Jeffrey J Schanter and Joyce Pavia Schanter	4428 Illinois Route 16 Litchfield IL 62056	15-01-100-019
Waitland Trust	PO BOX 128 VANDALIA IL 62471	15-01-100-026
Waitland Trust	PO BOX 128 VANDALIA IL 62472	15-01-100-032
Lona G Ishmael	233 Sasafras Ln LITCHFIELD IL 62056	10-36-300-011
Lona G Ishmael	233 Sasafras Ln LITCHFIELD IL 62056	10-36-300-002
H & D Lands LLC	16392 Rugby Trl Litchfield IL 62056	10-36-300-001
H & D Lands LLC	16393 Rugby Trl Litchfield IL 62056	10-35-400-009
H & D Lands LLC	16394 Rugby Trl Litchfield IL 62056	10-35-400-011
ENVOTECH-ILLLINOIS	2782 Landfill Trail, Litchfield, IL 62056	15-02-200-021
Dustin Ellinger	4388 E Illinois Route 16 Litchfield IL 62056	15-02-200-028
H & D Lands LLC	16392 Rugby Trl Litchfield IL 62056	15-02-200-025



EXHIBIT A - SITE PLAN



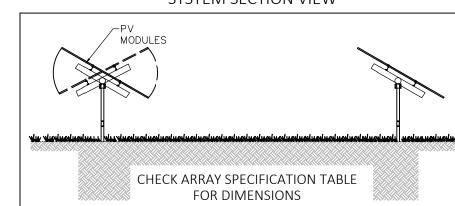
- 1. THE PROPOSED SITE PLAN IS CONCEPTUAL. FINAL EQUIPMENT SELECTION MAY
- PARCEL BOUNDARY LINE AND EXISTING CONDITIONS ARE BASED ON ALTA SURVEY
- 3. WETLAND DELINEATION HAVE BEEN REFERENCED FROM WETLAND SURVEY
- 4. POINT OF INTERCONNECTION LOCATION IS APPROXIMATE AND WILL BE DETERMINED FOLLOWING A SITE SURVEY BY THE ELECTRICAL UTILITY. POINT OF INTERCONNECTION POLE SERIES TO BE DESIGNED IN ACCORDANCE WITH
- LOCATIONS OF WIRING WITHIN THE SOLAR ARRAY FOR REFERENCE PURPOSES ONLY. ACTUAL ROUTINGS TO BE DETERMINED IN 30% DESIGN STAGE.

	BACKS	
MINIMUM YARD SETBACK	REQUIRED	PROPOSED
FRONT:	50'	MIN 50'
REAR:	50'	MIN 50'
SIDE:	50'	MIN 50'
FROM RESIDENCE:	150'	MIN 150
MAXIMUM BUILDING HEIGHT	N/A	~12'

0 0,	10110 / 1112 0/ 10	 	,,	

ARRAY SPE	CIFICATIONS
DC SYSTEM SIZE (kW)	7341.75 kW
AC SYSTEM SIZE (kW)	4990 kW
DC/AC RATIO	1.47
MODULE MODEL	Q.PEAK DUO XL-G11S.3/BFG
MODULE POWER	585 W
MODULE COUNT	12,550
RACKING MANUFACTURER	FLEXRACK FLEXTRACK S-SERIES
RACKING QUANTITY	(141) 1x75; (29) 1x50; (21) 1x25; SAT
STRING LENGTH	25
STRING QUANTITY	502
INVERTER TYPE	KACO BLUEPLANET 125-TL3-INT
INVERTER QUANTITY	(38) 125 kW, (2) DERATED TO 120 kW
AZIMUTH	180°
TILT ANGLE / PHI LIMITS	±55°
NOMINAL PITCH (FEET)	18.36
INTER-ROW SPACING (FEET)	10.28
GROUND COVERAGE RATIO	0.440
TORQUE TUBE HEIGHT (FEET)	5.3 MIN; 5.8 DESIGN





	<u>LEGEND</u>
	PROPERTY LINE
L	LEASE LINE
xxx	FENCE LINE
	SOLAR MODULES
	EQUIPMENT PAD
	1 FT CONTOURS
	CHAINLINK FENCE GATE
OE	OVERHEAD ELECTRIC LINE
———UE———	UNDERGROUND ELECTRIC LINE
Φ,	UTILITY POLE
4	STORAGE SHED
100 200 	100 0 FEET



PROJECT

MONTGOMERY - ELLINGER

E ILLINOIS ROUT 16, LITCHFIELD IL 62056

LAT/LONG: 39.1759089575, -89.6013189

SIT 0



EXHIBIT B — ALTA Survey

LEGAL DESCRIPTION PER EXHIBIT A, COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21, 2024:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF MONTGOMERY, STATE OF ILLINOIS, AND IS DESCRIBED AS FOLLOWS:

ALL THAT PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 1, LYING NORTH OF ILLINOIS ROUTE 16 AND ALL THAT PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 2, LYING NORTH OF ILLINOIS ROUTE 16, AND LYING SOUTHEASTERLY OF THE FORMER CLEVELAND. CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT-OF-WAY, ALL IN TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE THIRD PRINCIPAL MERIDIAN

EXCEPT ANY INTEREST IN THE COAL, OIL, GAS AND OTHER MINERAL RIGHTS UNDERLYING THE LAND WHICH HAVE BEEN HERETOFORE CONVEYED OR RESERVED IN PRIOR CONVEYANCES, AND ALL RIGHTS AND EASEMENTS IN FAVOR OF THE ESTATE OF SAID COAL, OIL, GAS AND OTHER MINERALS.

SITUATED IN MADISON COUNTY, ILLINOIS

PERMANENT PARCEL NO. 15-02-200-029

PARCEL 2:

ALL THAT PART OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 35, LYING SOUTHEASTERLY OF THE FORMER CLEVELAND, CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT-OF-WAY AND ALL THAT PART OF THE WEST HALF OF THE SOUTHWEST QUARTER OF SECTION 36 LYING NORTH OF ILLINOIS ROUTE 16 AND LYING SOUTHEASTERLY OF THE FORMER CLEVELAND. CINCINNATI. CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT-OF-WAY, ALL IN TOWNSHIP 9 NORTH, RANGE 5 WEST OF THE THIRD PRINCIPAL MERIDIAN.

EXCEPT ANY INTEREST IN THE COAL, OIL, GAS AND OTHER MINERAL RIGHTS UNDERLYING THE LAND WHICH HAVE BEEN HERETOFORE CONVEYED OR RESERVED IN PRIOR CONVEYANCES, AND ALL RIGHTS AND EASEMENTS IN FAVOR OF THE ESTATE OF SAID COAL, OIL, GAS AND OTHER MINERALS.

SITUATED IN MADISON COUNTY, ILLINOIS

PERMANENT PARCEL NO. 15-36-300-013

SCHEDULE B, PART II, ITEMS PER COMMITMENT SURVEY NOTES: FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY *21, 2024:*

ITEMS 1-22: NOT SURVEY RELATED.

PLAT OF SURVEY RECORDED AUGUST 11, 1967 AS DOCUMENT 216441 IN BOOK 3 OF PLATS, PAGE 25. ROW AS SHOWN HEREON.

BOOK 3 OF PLATS, PAGE 17. ROW AS SHOWN HEREON. EASEMENT GRANTED TO ILLINOIS POWER AND LIGHT CORPORATION,

PLAT OF SURVEY RECORDED NOVEMBER 18, 1966 AS DOCUMENT 213991 IN

DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 23599 IN BOOK 19, PAGE 362 5' WIDE STRIP AND 50' TIMBER REMOVAL EASEMENTS AS SHOWN HEREON. SEE DOCUMENT FOR POTENTIAL ADDITIONAL RIGHTS

EASEMENT GRANTED TO ILLINOIS POWER AND LIGHT CORPORATION. ITEM 26: DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 36759 IN BOOK 21, PAGE 129. IS NOT ON AND DOES NOT TOUCH THE SURVEY PROPERTY.

EASEMENT GRANTED TO ILLINOIS IOWA POWER COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 91955 IN BOOK 40 PAGE 149 POLES TO BE SET ON OR ALONG THE WEST LINE OF SECTION 36 AT THE ROAD RIGHT OF WAY AND IN A NORTH & SOUTH DIRECTION. NO POLES OBSERVED. NOTE: EASEMENT GRANTED TO ILLINOIS IOWA POWER COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN BOOK 40, PAGE 150. POLES TO BE SET 1' WEST OF THE EAST LINE OF SECTION 2 BEGIN AT THE ROAD RIGHT OF WAY AND RUNNING SOUTH. NO POLES OBSERVED.

EASEMENT GRANTED TO THE CITY OF LITCHFIELD, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 92562 IN BOOK 40, PAGE 199. IS NOT ON AND DOES NOT TOUCH THE SURVEY PROPERTY.

EASEMENT GRANTED TO ILLINOIS CONSOLIDATED TELEPHONE COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 197019 IN BOOK 79. PAGE 309. 18" (INCHES) WIDE EASEMENT IS NOT ON AND DOES NOT

EASEMENT GRANTED TO SHOAL CREEK DRAINAGE DISTRICT OF MONTGOMERY COUNTY, ILLINOIS, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 209224 IN BOOK 86, PAGE 328. 400 FEET WIDE STRIP OF LAND DESCRIBED IS NOT ON AND DOES NOT TOUCH THE SURVEYED

EASEMENT GRANTED TO SHOAL CREEK DRAINAGE DISTRICT OI MONTGOMERY COUNTY, ILLINOIS, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 211517 IN BOOK 90, PAGE 145. IS NOT ON AND DOES NOT TOUCH THE SURVEY PROPERTY

EASEMENT GRANTED TO ILLINOIS CONSOLIDATED TELEPHONE COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 226838 IN BOOK 106. PAGE 156. BLANKET IN NATURE. COVERS ALL OF THAT PORTION OF SECTION 36 FOR WHICH THE GRANTOR HAD ANY INTEREST. NO TELEPHONE LINES, POLE, ANCHORS OR GUY WIRES OBSERVED ON THAT

PORTION OF THE SURVEYED PARCEL LYING WITHIN SECTION 36.

EASEMENT GRANTED TO THREE COUNTY PUBLIC WATER DISTRICT, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 294551 IN BOOK 149, PAGE 372. IS NOT ON AND DOES NOT TOUCH THE SURVEYED

EASEMENT GRANTED TO THREE COUNTY PUBLIC WATER DISTRICT. DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 294552 IN BOOK 149, PAGE 373. IS NOT ON AND DOES NOT TOUCH THE SURVEYED

EASEMENT GRANTED TO THREE COUNTY PUBLIC WATER DISTRICT, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 304779 IN BOOK 154, PAGE 351. IS NOT ON AND DOES NOT TOUCH THE SURVEYED

ITEM 36: OIL AND GAS LEASE MADE BY AND BETWEEN MARGARET STOCKMAN, FRANCES MAE STOCKMAN PAINTER, AND GLENN W. PAINTER ("LESSOR") AND EDWARD S. RIDGWAY ("LESSEE"). RECORDED JUNE 04. 1957 AS DOCUMENT 169134, IN BOOK 70, PAGE 291, AND THE TERMS AND PROVISIONS CONTAINED THEREIN.

> AFFIDAVIT OF NON-PRODUCTION MADE BY TOMMIE JONES, RECORDED APRIL 21 1976 AS DOCUMENT 250173 IN BOOK 125 PAGE 413 BLANKET IN NATURE. COVERS ALL OF THAT PORTION OF SURVEYED PROPERTY LYING WITHIN SECTION 36, UNDEFINED PORTIONS OF SECTION 2, AND THAT PORTION OF SECTION 35, EXCEPT SOUTH 66 FEET OF SECTION 35. THE SURVEYOR HAS INFORMATION (BOOK 125, PAGE 413) INDICATING THE LEASE MAY HAVE BEEN RELEASED OR OTHERWISE TERMINATED.

UNDERGROUND COAL OPTION MADE BY AND BETWEEN OLIVER A. HOLLO AND PANSY L. HOLLO AND CONSOLIDATED COAL COMPANY, RECORDED MAY 01 1974 AS DOCUMENT 241680 IN BOOK 120, PAGE 170, AND THE TERMS AND PROVISIONS CONTAINED THEREIN. BLANKET IN NATURE. COVERS THAT PORTION OF THE SURVEYED PROPERTY LYING WITHIN

UNDERGROUND COAL OPTION MADE BY AND BETWEEN FRANCES MAE PAINTER AND GLENN W. PAINTER AND CONSOLIDATED COAL COMPANY, RECORDED MAY 08, 1974 AS DOCUMENT 241769 IN BOOK 120, PAGE 188, AND THE TERMS AND PROVISIONS CONTAINED THEREIN.

> RECEIPT OF A CERTAIN UNDERGROUND COAL OPTION MADE BY FRANCES MAE PAINTER, RECORDED OCTOBER 05, 1976 AS DOCUMENT 252612 IN BOOK 127, PAGE 245. BLANKET IN NATURE. COVERS ALL OF THAT PORTION OF SURVEYED PROPERTY LYING WITHIN SECTION 36 AND THAT PORTION OF SURVEYED PROPERTY LYING WITHIN SECTION 35, EXCEPT SOUTH 66 FEET OF SECTION 35.

ITEMS 39-40: NOT SURVEY RELATED

DEDICATION OF RIGHT-OF-WAY FOR PUBLIC ROAD PURPOSES RECORDED AUGUST 17, 1923 AS DOCUMENT 18147 IN BOOK 150, PAGE 29. ROW AS SHOWN HEREON

ITEMS 42-46: NOT SURVEY RELATED.

ALTA/NSPS LAND TITLE SURVEY

IN THE SOUTHEAST 1/4 OF SECTION 35 AND SOUTHWEST 1/4 OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 5 WEST, AND IN THE NORTHEAST 1/4 OF SECTION 2 AND NORTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE SECOND PRINCIPAL MERIDIAN, MONTGOMERY COUNTY, ILLINOIS

SURVEYOR'S CERTIFICATION

TO: SUMMIT RIDGE ENERGY, LLC, A DELAWARE LIMITED LIABILITY COMPANY; AND TITLEVEST, A DIVISION OF FIRST AMERICAN TITLE INSURANCE COMPANY

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6a, 6b, 7a, 7b, 7c, 8, 9, 11a, 11b, 13, 14, 16, 17, 18 AND 19 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON JANUARY 22, 2024. DATE OF PLAT OR MAP: MARCH 20, 2025

PS-035-004051 LICENCE EXSPIRES: 11/30/2026

BENCHMARK: X IN SOUTHWEST CORNER OF CONCRETE BRIDGE NORTHING = 913607.741 EASTING = 2458136.139 ELEV. = 575.60' (NAVD88)

MONUMENTS HAVE BEEN PLACED (OR A REFERENCE MONUMENT OR WITNESS TO THE CORNER) AT ALL MAJOR CORNERS OF THE BOUNDARY OF THE PROPERTY, UNLESS ALREADY MARKED OR REFERENCED BY EXISTING MONUMENTS OR WITNESSES IN CLOSE PROXIMITY TO THE CORNER

PARCEL ADDRESS: VACANT LAND LOCATED ON EAST ILLINOIS ROUTE 16, LITCHFIELD, ILLINOIS 62056, PER SCHEDULE A, COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21, 2024 (TABLE A,

PER FLOOD HAZARD BOUNDARY MAP (COMMUNITY PANEL NUMBER 170992 005 A EFFECTIVE DATE JANUARY 9, 1981) THE SURVEYED PARCEL DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA

THE SURVEYED PARCEL CONTAINS 33.946 ACRES (1,478,722 SQUARE FEET), MORE OR LESS. THE FEE SIMPLE PARCEL (PARCELS 1 & 2) CONTAINS 39.434 ACRES (1,717,756 SQUARE FEET), MORE OR

NO ZONING LETTER OR REPORT PROVIDED BY CLIENT, TO DATE (TABLE A, ITEM 6(a)(b)).

NO EXISTING BUILDINGS WERE OBSERVED WITHIN THE SURVEYED PARCEL WHILE CONDUCTING THE FIELDWORK (TABLE A. ITEMS 7(a)(b)(c)).

SUBSTANTIAL FEATURES OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK ARE SHOWN HEREON, INCLUDING ANY ABOVE-GROUND UTILITIES (TABLE A, ITEM 8).

NO CLEARLY IDENTIFIABLE PARKING SPACES OR SURFACE PARKING AREAS, LOTS OR STRUCTURES WERE OBSERVED IN THE PROCESS OF CONDUCTING THIS SURVEY., (TABLE A, ITEM

LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY COMPLETELY AND RELIABLY DEPICTED IN ADDITION IN SOME JURISDICTIONS 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT N AN INCOMPLETE RESPONSE. AS SUCH, ON THIS SURVEY, THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS ONLY. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA FITHER IN-SERVICE OR ABANDONED. THE JNDERGROUND UTILITIES ARE BASED ON THE SURVEYOR'S OPINION AND ARE TRUE TO THE SURVEYOR'S INFORMATION, KNOWLEDGE, AND BELIEF. THE SURVEYOR FURTHER DOES NOT CERTIFY THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED TH JNDERGROUND UTILITIES. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED. THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY WHEN PROVIDED. THE SURVEYOR IS RELYING ON THE ACCURACY, COMPLETENESS, AND TECHNICAL SUFFICIENCY OF

NAMES OF ADJOINING OWNERS ACCORDING TO TAX RECORDS OF PLATTED AND UNPLATTED LANDS ARE SHOWN HEREON (TABLE A. ITEM 13).

DISTANCE TO THE NEAREST INTERSECTING STREET (EAST ILLINOIS ROUTE 16 AND LITCHFIELD QUARRY ROAD) IS ±890' EAST OF THE SURVEYED PARCEL (TABLE A, ITEM 14).

NO INFORMATION REGARDING PROPOSED CHANGES IN STREET RIGHT OF WAY LINES WAS MADE AVAILABLE TO THE SURVEYOR BY THE CONTROLLING JURISDICTION. NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS WERE OBSERVED IN THE PROCESS OF

SEARCH PROVIDED BY THE CLIENT ARE SHOWN HEREON (TABLE A, ITEM 18).

COULD AFFECT SOLAR PANELS ARE SHOWN (TABLE A, ITEM 20).

REPORT PREPARED BY EMMONS & OLIVER RESOURCES, INC., REPORT DATED JULY 2, 2024. THE SURVEYED PARCEL (LEASE PARCEL) IS A PORTION OF THAT CERTAIN PARCEL OF LAND

NO PHYSICAL VEHICULAR ACCESS POINT WAS OBSERVED ON THE SURVEYED PARCEL. AFTER PROPOSED CONSTRUCTION, THE LEASE PARCEL WILL HAVE DIRECT ACCESS TO EAST ILLINOIS

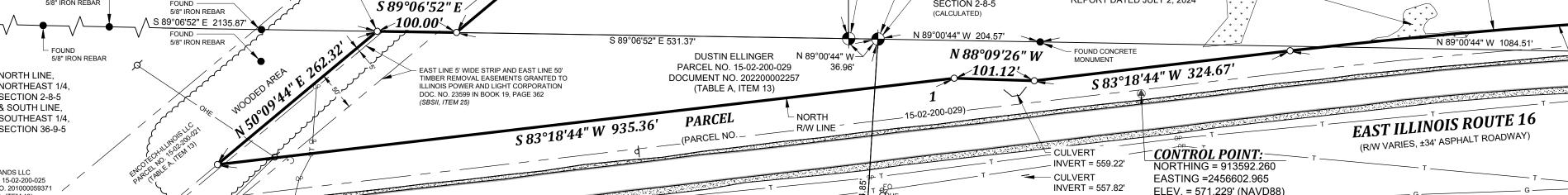
FLLINGER DUSTIN

PARCEL NO. 15-02-200-029

DOCUMENT NO. 202200002261

(TABLE A. ITEM 13)

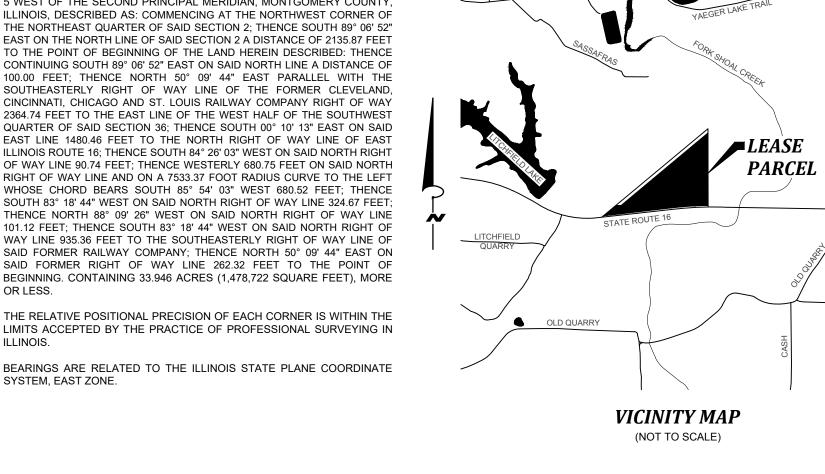
BEGINNING PARCEL NO. 10-35-400-011 (TABLE A. ITEM 13) 5/8" IRON REBAR 5/8" IRON REBAR S 89°06'52" E 2135.87' S 89°06'52" E 531.37 5/8" IRON REBAR 5/8" IRON REBAR - EAST LINE 5' WIDE STRIP AND EAST LINE 50' DOCUMENT NO 202200002257 MBER REMOVAL EASEMENTS GRANTED 1 (TABLE A, ITEM 13) DOC. NO. 23599 IN BOOK 19, PAGE 362



LEGAL DESCRIPTION (LEASE PARCEL): THAT PART OF THE SOUTHEAST QUARTER OF SECTION 35 AND SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 5 WEST, AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 2 AND NORTHWEST QUARTER OF SECTION 1, TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE SECOND PRINCIPAL MERIDIAN, MONTGOMERY COUNTY ILLINOIS, DESCRIBED AS: COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 2; THENCE SOUTH 89° 06' 52" EAST ON THE NORTH LINE OF SAID SECTION 2 A DISTANCE OF 2135.87 FEET TO THE POINT OF REGINNING OF THE LAND HEREIN DESCRIBED. THENCE CONTINUING SOUTH 89° 06' 52" EAST ON SAID NORTH LINE A DISTANCE OF 100.00 FEET; THENCE NORTH 50° 09' 44" EAST PARALLEL WITH THE SOUTHEASTERLY RIGHT OF WAY LINE OF THE FORMER CLEVELAND CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT OF WAY 2364.74 FEET TO THE EAST LINE OF THE WEST HALF OF THE SOUTHWEST QUARTER OF SAID SECTION 36; THENCE SOUTH 00° 10' 13" EAST ON SAID EAST LINE 1480.46 FEET TO THE NORTH RIGHT OF WAY LINE OF EAST ILLINOIS ROUTE 16: THENCE SOUTH 84° 26' 03" WEST ON SAID NORTH RIGHT OF WAY LINE 90.74 FEET: THENCE WESTERLY 680.75 FEET ON SAID NORTH RIGHT OF WAY LINE AND ON A 7533.37 FOOT RADIUS CURVE TO THE LEFT WHOSE CHORD BEARS SOUTH 85° 54' 03" WEST 680.52 FEET; THENCE SOUTH 83° 18' 44" WEST ON SAID NORTH RIGHT OF WAY LINE 324.67 FEET; THENCE NORTH 88° 09' 26" WEST ON SAID NORTH RIGHT OF WAY LINE 101.12 FEET; THENCE SOUTH 83° 18' 44" WEST ON SAID NORTH RIGHT OF WAY LINE 935.36 FEET TO THE SOUTHEASTERLY RIGHT OF WAY LINE OF SAID FORMER RAILWAY COMPANY: THENCE NORTH 50° 09' 44" EAST ON SAID FORMER RIGHT OF WAY LINE 262.32 FEET TO THE POINT OF

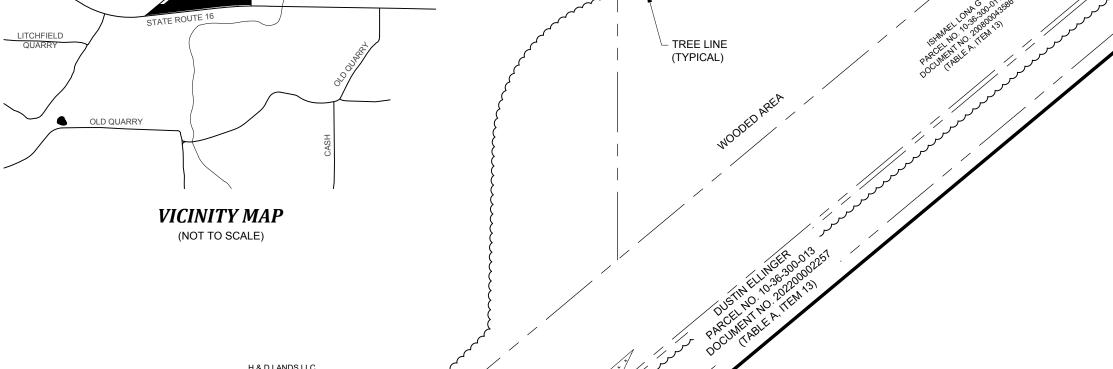
THE RELATIVE POSITIONAL PRECISION OF EACH CORNER IS WITHIN THE LIMITS ACCEPTED BY THE PRACTICE OF PROFESSIONAL SURVEYING IN

BEARINGS ARE RELATED TO THE ILLINOIS STATE PLANE COORDINATE



NORTH LINE SOUTHWEST 1/4

SECTION 36-9-5



SEE SHEET 2 OF 3 FOR TOPOGRAPHIC INFORMATION

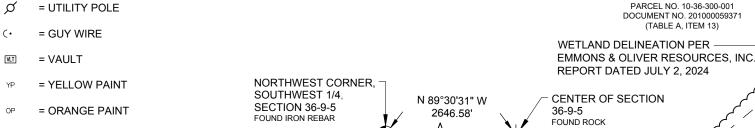
ISHMAEL LONA G

PARCEL NO. 10-36-300-002

(TABLE A, ITEM 13)

SEE SHEET 3 OF 3 FOR SITE PLAN INFORMATION





WEST LINE, -

SOUTHWEST 1/4,

SECTION 36-9-5

& EAST LINE,

OP = ORANGE PAINT o^{GM} = GAS MARKER POST o^{FO} = FIBER OPTIC POST = TELEPHONE RISER BOX

▼ = SIGN

LEGEND

= FOUND IRON (AS NOTED)

SOUTHEAST 1/4 **SECTION 35-9-5** SBII = SCHEDULE B, SECTION II NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988 CONC. = CONCRETE —— OHE ———— = OVERHEAD UTILITY LINE

T ----- = APPROXIMATE BURIED TELEPHONE LOCATION

= CONCRETE AREA

PARCEL

(PARCEL NO

JEFFREY SCHANTER AND JOYCE PAVIA

PARCEL NO. 15-02-200-008

DOCUMENT NO. 200600032309

(TABLE A, ITEM 13)

= GRAVEL AREA

——— — — = ADJOINING PROPERTY LINE

H & D LANDS LLC

DOCUMENT NO. 20100005937

PARCEL NO. 10-35-400-009

THE INFORMATION FURNISHED BY OR ON BEHALF OF THE CLIENT (TABLE A, ITEMS 11(a) AND 11(b)).

AT THE TIME OF THE FIELD WORK THERE WAS NO OBSERVABLE EVIDENCE OF EARTH MOVING, BUILDING CONSTRUCTION OR BUILDING ADDITIONS (TABLE A, ITEM 16).

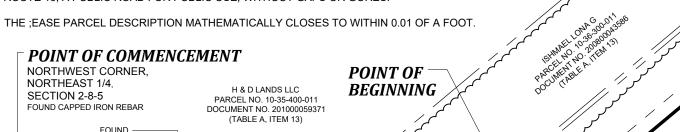
CONDUCTING THE FIELDWORK (TABLE A, ITEM 17). THE ON-SITE AND APPURTENANT EASEMENTS TO THE SURVEYED PARCEL DISCLOSED BY TITLE

SOUTHEASTERLY RIGHT OF WAY LINE, FORMER CLEVELAND. CINCINNATI CHICAGO AND ST LOUIS RAILWAY COMPANY THE ELEVATION OF THE TOPS OF UTILITY POLES, TREES, AND OTHER OBSTRUCTIONS THAT

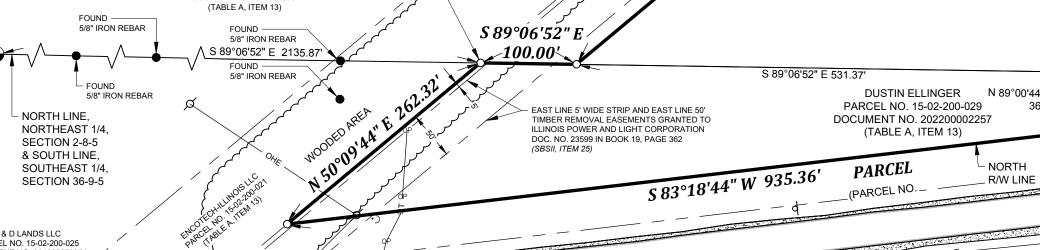
WETLANDS SHOWN HEREON ARE BASED ON THE WETLAND AND WATERS DETERMINATION

DESCRIBED AS PARCELS 1 & 2 IN EXHIBIT A, COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21,

ROUTE 16, A PUBLIC ROAD FOR PUBLIC USE, WITHOUT GAPS OR GORES.



5/8" IRON REBAR



NORTHEAST 1/4 SECTION 2-8-5 & WEST LINE, JEFFREY SCHANTER PARCEL NO. 15-01-100-019 DOCUMENT NO. 200600032309 (TABLE A, ITEM 13)

SOUTHEAST CORNER, -

FOUND CONCRETE MONUMENT

NORTHEAST 1/4.

SECTION 2-8-5

5/8" IRON REBAR

- SOUTHWEST CORNER,

FOUND CONCRETE MONUMENT

NORTHWEST 1/4.

SECTION 1-8-5

10-36-300-013)

 SOUTHEAST CORNER SOUTHEAST 1/4.

SOUTHWEST CORNER

NORTHWEST CORNER,

NORTHEAST CORNER

NORTHEAST 1/4,

SECTION 2-8-5

WETLAND DELINEATION PER

REPORT DATED JULY 2, 2024

EASTING =2456602.965

ELEV. = 571.229' (NAVD88)

VARIED RIGHT OF WAY

(SBSII, ITEM 41)

DOC. NO. 18147 IN BOOK 150, PAGE 29

EMMONS & OLIVER

RESOURCES, INC.

INVERT = 559.22

INVERT = 557.82'

CUI VERT

NORTHWEST 1/4.

SECTION 1-8-5

(CALCULATED)

SECTION 35-8-5

SOUTHWEST 1/4

SECTION 36-9-5

(CALCULATED)

VARIED RIGHT OF WAY DOC. NO. 18147 IN BOOK 150, PAGE 29 NORTH LINE, 18" (INCHES) WIDE EASEMENT GRANTED -TO ILLINOIS CONSOLIDATED TELEPHONE COMPANY (SBSII, ITEM 41) S 84°26'03" W DOC. NO. 197019 IN BOOK 79, PAGE 309 (SBSII, ITEM 29)

MONTGOMERY - ELLINGER SOLAR

PROPOSED LEASE PARCEL

±33.946 ACRES

±1,478,722 SQ. FT.

(VACANT LAND, NO BUILDINGS

OBSERVED, NO ADDRESS)

(TABLE A, ITEM 2)

DUSTIN ELLINGER

PARCEL NO. 10-36-300-013

DOCUMENT NO. 202200002257

 $-\Delta = 5^{\circ}10'39'$ L = 680.75R = 7533.37T = 340.61'

ORTHING = 913665.785 $CH = S 85^{\circ}54'03'' W$ 680.52'

NORTHWEST CORNER

NORTHEAST CORNER,

WEST HALF,

SOUTHWEST 1/4

SECTION 36-9-5

SOUTHWEST 1/4,

EASTING =2457408.537

ELEV. = 571.406' (NAVD88)

CONTROL POINT:

1 OF 3

WIGHTMAN 433 E. RANSOM ST. KALAMAZOO, MI. 49007

SECTION 36-9-5

- NORTH LINE

- EAST LINE,

WEST 1/2.

SOUTHWEST 1/4

SECTION 36-9-5

BOWLES J & MARY E BRADLE

DOCUMENT NO. 20120000023

PARCEL NO. 10-36-300-014

(TABLE A, ITEM 13)

SOUTHEAST CORNER,

SOUTHEAST 1/4,

SECTION 36-9-5

FOUND PK NAIL

SOUTH LINE, -

SECTION 36-9-5

& NORTH LINE,

SECTION 1-8-5

SOUTHEAST CORNER

SOUTHWES1

SECTION 36-9-6

SOUTHWEST 1/4

SECTION 36-9-5

269.327.3532

www.gowightman.com

PROJECT NAME:

MONTGOMERY -

ELLINGER EAST ILLINOIS ROUTE 16 LITCHFIELD, IL 62056

SUMMIT RIDGE ENERGY 1000 WILSON BLVD, SUITE 2400 ARLINGTON, VA 22209

REVISIONS

REPRODUCTION, COPYING OR OTHER E OF THIS DRAWING WITHOUT WRITTEN NSENT IS PROHIBITED. 024 WIGHTMAN & ASSOCIATES, INC DATE: MARCH 20, 2025 SCALE: 1" = 100' DRAWN BY: SML

CHECKED BY: GDH

ALTA/NSPS LAND TITLE SURVEY

JOB No. 241135

LEGAL DESCRIPTION PER EXHIBIT A, COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21, 2024:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF MONTGOMERY, STATE OF ILLINOIS, AND IS DESCRIBED AS FOLLOWS:

ALL THAT PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 1, LYING NORTH OF ILLINOIS ROUTE 16 AND ALL THAT PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 2, LYING NORTH OF ILLINOIS ROUTE 16, AND LYING SOUTHEASTERLY OF THE FORMER CLEVELAND. CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT-OF-WAY, ALL IN TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE THIRD PRINCIPAL MERIDIAN.

EXCEPT ANY INTEREST IN THE COAL, OIL, GAS AND OTHER MINERAL RIGHTS UNDERLYING THE LAND WHICH HAVE BEEN HERETOFORE CONVEYED OR RESERVED IN PRIOR CONVEYANCES, AND ALL RIGHTS AND EASEMENTS IN FAVOR OF THE ESTATE OF SAID COAL, OIL, GAS AND OTHER MINERALS.

SITUATED IN MADISON COUNTY, ILLINOIS

PERMANENT PARCEL NO. 15-02-200-029

ALL THAT PART OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 35, LYING SOUTHEASTERLY OF THE FORMER CLEVELAND, CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT-OF-WAY AND ALL THAT PART OF THE WEST HALF OF THE SOUTHWEST QUARTER OF SECTION 36 LYING NORTH OF ILLINOIS ROUTE 16 AND LYING SOUTHEASTERLY OF THE FORMER CLEVELAND. CINCINNATI. CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT-OF-WAY, ALL IN TOWNSHIP 9 NORTH, RANGE 5 WEST OF THE THIRD PRINCIPAL MERIDIAN.

EXCEPT ANY INTEREST IN THE COAL, OIL, GAS AND OTHER MINERAL RIGHTS UNDERLYING THE LAND WHICH HAVE BEEN HERETOFORE CONVEYED OR RESERVED IN PRIOR CONVEYANCES, AND ALL RIGHTS AND EASEMENTS IN FAVOR OF THE ESTATE OF SAID COAL, OIL, GAS AND OTHER MINERALS.

SITUATED IN MADISON COUNTY, ILLINOIS

PERMANENT PARCEL NO. 15-36-300-013

SCHEDULE B, PART II, ITEMS PER COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY *21, 2024:*

ITEMS 1-22: NOT SURVEY RELATED.

PLAT OF SURVEY RECORDED AUGUST 11, 1967 AS DOCUMENT 216441 IN BOOK 3 OF PLATS, PAGE 25. ROW AS SHOWN HEREON.

PLAT OF SURVEY RECORDED NOVEMBER 18, 1966 AS DOCUMENT 213991 IN BOOK 3 OF PLATS, PAGE 17, ROW AS SHOWN HEREON.

EASEMENT GRANTED TO ILLINOIS POWER AND LIGHT CORPORATION DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 23599 IN BOOK 19, PAGE 362. 5' WIDE STRIP AND 50' TIMBER REMOVAL EASEMENTS AS SHOWN HEREON. SEE DOCUMENT FOR POTENTIAL ADDITIONAL RIGHTS GRANTED.

EASEMENT GRANTED TO ILLINOIS POWER AND LIGHT CORPORATION, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 36759 IN BOOK 21. PAGE 129. IS NOT ON AND DOES NOT TOUCH THE SURVEY PROPERTY.

THE ROAD RIGHT OF WAY AND RUNNING SOUTH. NO POLES OBSERVED.

EASEMENT GRANTED TO ILLINOIS IOWA POWER COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 91955 IN BOOK 40, PAGE 149. POLES TO BE SET ON OR ALONG THE WEST LINE OF SECTION 36 AT THE ROAD RIGHT OF WAY AND IN A NORTH & SOUTH DIRECTION. NO POLES OBSERVED. NOTE: EASEMENT GRANTED TO ILLINOIS IOWA POWER COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN BOOK 40. PAGE 150. POLES TO BE SET 1 WEST OF THE EAST LINE OF SECTION 2 BEGIN AT

EASEMENT GRANTED TO THE CITY OF LITCHFIELD, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 92562 IN BOOK 40, PAGE 199. IS NOT ON AND DOES NOT TOUCH THE SURVEY PROPERTY.

EASEMENT GRANTED TO ILLINOIS CONSOLIDATED TELEPHONE COMPANY DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 197019 IN BOOK 79, PAGE 309. 18" (INCHES) WIDE EASEMENT IS NOT ON AND DOES NOT

EASEMENT GRANTED TO SHOAL CREEK DRAINAGE DISTRICT OF MONTGOMERY COUNTY, ILLINOIS, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 209224 IN BOOK 86, PAGE 328. 400 FEET WIDE STRIP OF LAND DESCRIBED IS NOT ON AND DOES NOT TOUCH THE SURVEYED

IN DOCUMENT 211517 IN BOOK 90, PAGE 145. IS NOT ON AND DOES NOT

TOUCH THE SURVEY PROPERTY.

ITEM 32: EASEMENT GRANTED TO ILLINOIS CONSOLIDATED TELEPHONE COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 226838 IN BOOK 106, PAGE 156. BLANKET IN NATURE. COVERS ALL OF THAT PORTION OF SECTION 36 FOR WHICH THE GRANTOR HAD ANY INTEREST. NO TELEPHONE LINES, POLE, ANCHORS OR GUY WIRES OBSERVED ON THAT PORTION OF THE SURVEYED PARCEL LYING WITHIN SECTION 36.

EASEMENT GRANTED TO THREE COUNTY PUBLIC WATER DISTRICT, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 294551 IN BOOK 149, PAGE 372. IS NOT ON AND DOES NOT TOUCH THE SURVEYED

EASEMENT GRANTED TO THREE COUNTY PUBLIC WATER DISTRICT. DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 294552 IN BOOK 149, PAGE 373. IS NOT ON AND DOES NOT TOUCH THE SURVEYED

EASEMENT GRANTED TO THREE COUNTY PUBLIC WATER DISTRICT, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 304779 IN BOOK 154, PAGE 351. IS NOT ON AND DOES NOT TOUCH THE SURVEYED

OIL AND GAS LEASE MADE BY AND BETWEEN MARGARET STOCKMAN, FRANCES MAE STOCKMAN PAINTER, AND GLENN W. PAINTER ("LESSOR") AND EDWARD S. RIDGWAY ("LESSEE"), RECORDED JUNE 04, 1957 AS DOCUMENT 169134, IN BOOK 70, PAGE 291, AND THE TERMS AND PROVISIONS CONTAINED THEREIN.

> AFFIDAVIT OF NON-PRODUCTION MADE BY TOMMIE JONES, RECORDED APRIL 21, 1976 AS DOCUMENT 250173 IN BOOK 125, PAGE 413. **BLANKET IN** NATURE. COVERS ALL OF THAT PORTION OF SURVEYED PROPERTY LYING WITHIN SECTION 36, UNDEFINED PORTIONS OF SECTION 2, AND THAT PORTION OF SECTION 35, EXCEPT SOUTH 66 FEET OF SECTION 35. THE SURVEYOR HAS INFORMATION (BOOK 125, PAGE 413) INDICATING THE LEASE MAY HAVE BEEN RELEASED OR OTHERWISE TERMINATED.

UNDERGROUND COAL OPTION MADE BY AND BETWEEN OLIVER A. HOLLO AND PANSY L. HOLLO AND CONSOLIDATED COAL COMPANY, RECORDED MAY 01, 1974 AS DOCUMENT 241680 IN BOOK 120, PAGE 170, AND THE TERMS AND PROVISIONS CONTAINED THEREIN. BLANKET IN NATURE. COVERS THAT PORTION OF THE SURVEYED PROPERTY LYING WITHIN

UNDERGROUND COAL OPTION MADE BY AND BETWEEN FRANCES MAE PAINTER AND GLENN W. PAINTER AND CONSOLIDATED COAL COMPANY, DOCUMENT NO. 20100005937 RECORDED MAY 08, 1974 AS DOCUMENT 241769 IN BOOK 120, PAGE 188, (TABLE A, ITEM 13) AND THE TERMS AND PROVISIONS CONTAINED THEREIN.

> RECEIPT OF A CERTAIN UNDERGROUND COAL OPTION MADE BY FRANCES MAE PAINTER, RECORDED OCTOBER 05, 1976 AS DOCUMENT 252612 IN BOOK 127. PAGE 245. BLANKET IN NATURE. COVERS ALL OF THAT PORTION OF SURVEYED PROPERTY LYING WITHIN SECTION 36 AND THAT PORTION OF SURVEYED PROPERTY LYING WITHIN SECTION 35, EXCEPT **SOUTH 66 FEET OF SECTION 35.**

ITEMS 39-40: **NOT SURVEY RELATED**

ITEMS 42-46: NOT SURVEY RELATED.

DEDICATION OF RIGHT-OF-WAY FOR PUBLIC ROAD PURPOSES RECORDED AUGUST 17, 1923 AS DOCUMENT 18147 IN BOOK 150, PAGE 29. ROW AS ALTA/NSPS LAND TITLE SURVEY

IN THE SOUTHEAST 1/4 OF SECTION 35 AND SOUTHWEST 1/4 OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 5 WEST, AND IN THE NORTHEAST 1/4 OF SECTION 2 AND NORTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE SECOND PRINCIPAL MERIDIAN, MONTGOMERY COUNTY, ILLINOIS

SURVEYOR'S CERTIFICATION

TO: SUMMIT RIDGE ENERGY, LLC, A DELAWARE LIMITED LIABILITY COMPANY; AND TITLEVEST, A DIVISION OF FIRST AMERICAN TITLE INSURANCE COMPANY

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6a, 6b, 7a, 7b, 7c, 8, 9, 11a, 11b, 13, 14, 16, 17, 18 AND 19 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON JANUARY 22, 2024. DATE OF PLAT OR MAP: MARCH 20, 2025

PS-035-004051 LICENCE EXSPIRES: 11/30/2026

BENCHMARK: X IN SOUTHWEST CORNER OF CONCRETE BRIDGE NORTHING = 913607.741 EASTING = 2458136.139

ELEV. = 575.60' (NAVD88)

SURVEY NOTES:

MONUMENTS HAVE BEEN PLACED (OR A REFERENCE MONUMENT OR WITNESS TO THE CORNER) AT ALL MAJOR CORNERS OF THE BOUNDARY OF THE PROPERTY. UNLESS ALREADY MARKED OR REFERENCED BY EXISTING MONUMENTS OR WITNESSES IN CLOSE PROXIMITY TO THE CORNER

PARCEL ADDRESS: VACANT LAND LOCATED ON EAST ILLINOIS ROUTE 16, LITCHFIELD, ILLINOIS 62056, PER SCHEDULE A, COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21, 2024 (TABLE A,

PER FLOOD HAZARD BOUNDARY MAP (COMMUNITY PANEL NUMBER 170992 005 A EFFECTIVE DATE JANUARY 9, 1981) THE SURVEYED PARCEL DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA

THE SURVEYED PARCEL CONTAINS 33.946 ACRES (1,478,722 SQUARE FEET), MORE OR LESS. THE FEE SIMPLE PARCEL (PARCELS 1 & 2) CONTAINS 39.434 ACRES (1,717,756 SQUARE FEET), MORE OR

NO ZONING LETTER OR REPORT PROVIDED BY CLIENT, TO DATE (TABLE A, ITEM 6(a)(b)).

NO EXISTING BUILDINGS WERE OBSERVED WITHIN THE SURVEYED PARCEL WHILE CONDUCTING THE FIELDWORK (TABLE A. ITEMS 7(a)(b)(c)).

SUBSTANTIAL FEATURES OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK ARE SHOWN HEREON, INCLUDING ANY ABOVE-GROUND UTILITIES (TABLE A, ITEM 8).

NO CLEARLY IDENTIFIABLE PARKING SPACES OR SURFACE PARKING AREAS, LOTS OR STRUCTURES WERE OBSERVED IN THE PROCESS OF CONDUCTING THIS SURVEY.. (TABLE A, ITEM

LACKING EXCAVATION. THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY COMPLETELY AND RELIABLY DEPICTED IN ADDITION IN SOME JURISDICTIONS 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT IN AN INCOMPLETE RESPONSE. AS SUCH, ON THIS SURVEY, THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS ONLY THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA. EITHER IN-SERVICE OR ABANDONED. THE UNDERGROUND UTILITIES ARE BASED ON THE SURVEYOR'S OPINION AND ARE TRUE TO THE SURVEYOR'S INFORMATION, KNOWLEDGE, AND BELIEF. THE SURVEYOR FURTHER DOES NOT CERTIFY THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM UNDERGROUND UTILITIES. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED. THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY. WHEN PROVIDED. THE SURVEYOR IS RELYING ON THE ACCURACY. COMPLETENESS. AND TECHNICAL SUFFICIENCY OF THE INFORMATION FURNISHED BY OR ON BEHALF OF THE CLIENT (TABLE A, ITEMS 11(a) AND 11(b)).

NAMES OF ADJOINING OWNERS ACCORDING TO TAX RECORDS OF PLATTED AND UNPLATTED LANDS ARE SHOWN HEREON (TABLE A, ITEM 13).

DISTANCE TO THE NEAREST INTERSECTING STREET (EAST ILLINOIS ROUTE 16 AND LITCHFIELD QUARRY ROAD) IS ±890' EAST OF THE SURVEYED PARCEL (TABLE A, ITEM 14).

AT THE TIME OF THE FIELD WORK THERE WAS NO OBSERVABLE EVIDENCE OF EARTH MOVING, BUILDING CONSTRUCTION OR BUILDING ADDITIONS (TABLE A, ITEM 16).

EASEMENT GRANTED TO SHOAL CREEK DRAINAGE DISTRICT OF NO INFORMATION REGARDING PROPOSED CHANGES IN STREET RIGHT OF WAY LINES WAS MADE MONTGOMERY COUNTY, ILLINOIS, DISCLOSED BY INSTRUMENT RECORDED AVAILABLE TO THE SURVEYOR BY THE CONTROLLING JURISDICTION. NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS WERE OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK (TABLE A, ITEM 17).

> THE ON-SITE AND APPURTENANT EASEMENTS TO THE SURVEYED PARCEL DISCLOSED BY TITLE SEARCH PROVIDED BY THE CLIENT ARE SHOWN HEREON (TABLE A, ITEM 18).

> THE ELEVATION OF THE TOPS OF UTILITY POLES, TREES, AND OTHER OBSTRUCTIONS THAT COULD AFFECT SOLAR PANELS ARE SHOWN (TABLE A, ITEM 20).

WETLANDS SHOWN HEREON ARE BASED ON THE WETLAND AND WATERS DETERMINATION REPORT PREPARED BY EMMONS & OLIVER RESOURCES, INC., REPORT DATED JULY 2, 2024. THE SURVEYED PARCEL (LEASE PARCEL) IS A PORTION OF THAT CERTAIN PARCEL OF LAND

NO PHYSICAL VEHICULAR ACCESS POINT WAS OBSERVED ON THE SURVEYED PARCEL. AFTER PROPOSED CONSTRUCTION, THE LEASE PARCEL WILL HAVE DIRECT ACCESS TO EAST ILLINOIS

POINT OF COMMENCEMENT **POINT OF** NORTHWEST CORNER. NORTHEAST 1/4 **BEGINNING** SECTION 2-8-5 PARCEL NO. 10-35-400-011 FOUND CAPPED IRON REBAR (TABLE A, ITEM 13) 5/8" IRON REBAR ELEVATION = 649.2' 5/8" IRON REBAR S 89°06'52" E 2135.87'` 5/8" IRON REBAR

S 89°06'52" E 531.37 TOP OF POLE 5/8" IRON REBAR ELEVATION = 604 PARCEL NO. 15-02-200-029 - EAST LINE 5' WIDE STRIP AND EAST LINE 50' NORTH LINE. IMBER REMOVAL EASEMENTS GRANTED 1 DOCUMENT NO. 202200002257 NORTHEAST 1/4 (TABLE A, ITEM 13) SECTION 2-8-5 DOC. NO. 23599 IN BOOK 19, PAGE 362 & SOUTH LINE SOUTHEAST 1/4 **SECTION 36-9-5**

LEGAL DESCRIPTION (LEASE PARCEL):

THAT PART OF THE SOUTHEAST QUARTER OF SECTION 35 AND SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 5 WEST, AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 2 AND NORTHWEST QUARTER OF SECTION 1, TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE SECOND PRINCIPAL MERIDIAN, MONTGOMERY COUNTY ILLINOIS, DESCRIBED AS: COMMENCING AT THE NORTHWEST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 2; THENCE SOUTH 89° 06' 52" EAST ON THE NORTH LINE OF SAID SECTION 2 A DISTANCE OF 2135.87 FEET TO THE POINT OF REGINNING OF THE LAND HEREIN DESCRIBED. THENCE CONTINUING SOUTH 89° 06' 52" EAST ON SAID NORTH LINE A DISTANCE OF 100.00 FEET; THENCE NORTH 50° 09' 44" EAST PARALLEL WITH THE SOUTHEASTERLY RIGHT OF WAY LINE OF THE FORMER CLEVELAND CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT OF WAY 2364.74 FEET TO THE EAST LINE OF THE WEST HALF OF THE SOUTHWEST QUARTER OF SAID SECTION 36; THENCE SOUTH 00° 10' 13" EAST ON SAID EAST LINE 1480.46 FEET TO THE NORTH RIGHT OF WAY LINE OF EAST II I INOIS ROUTE 16. THENCE SOUTH 84° 26' 03" WEST ON SAID NORTH RIGHT OF WAY LINE 90.74 FEET: THENCE WESTERLY 680.75 FEET ON SAID NORTH RIGHT OF WAY LINE AND ON A 7533.37 FOOT RADIUS CURVE TO THE LEFT

WHOSE CHORD BEARS SOUTH 85° 54' 03" WEST 680.52 FEET; THENCE SOUTH 83° 18' 44" WEST ON SAID NORTH RIGHT OF WAY LINE 324.67 FEET; THENCE NORTH 88° 09' 26" WEST ON SAID NORTH RIGHT OF WAY LINE 101.12 FEET; THENCE SOUTH 83° 18' 44" WEST ON SAID NORTH RIGHT OF WAY LINE 935.36 FEET TO THE SOUTHEASTERLY RIGHT OF WAY LINE OF SAID FORMER RAILWAY COMPANY: THENCE NORTH 50° 09' 44" EAST ON SAID FORMER RIGHT OF WAY LINE 262.32 FEET TO THE POINT OF BEGINNING. CONTAINING 33.946 ACRES (1,478,722 SQUARE FEET), MORE

THE RELATIVE POSITIONAL PRECISION OF EACH CORNER IS WITHIN THE

BEARINGS ARE RELATED TO THE ILLINOIS STATE PLANE COORDINATE

VICINITY MAP (NOT TO SCALE)

CENTER OF SECTION

NORTH LINE

SOUTHWEST 1/4

SECTION 36-9-5

DOCUMENT NO. 2010000593 WETLAND DELINEATION PER EMMONS & OLIVER RESOURCES, INC. REPORT DATED JULY 2, 2024 NORTHWEST CORNER,

N 89°30'31" W

YP = YELLOW PAINT OP = ORANGE PAINT o^{GM} = GAS MARKER POST

o^{FO} = FIBER OPTIC POST = TELEPHONE RISER BOX

▼ = SIGN

SBII = SCHEDULE B, SECTION II

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988 CONC. = CONCRETE —— OHE ———— = OVERHEAD UTILITY LINE

——— — — = ADJOINING PROPERTY LINE

= CONCRETE AREA

= GRAVEL AREA ELEVATION = 646.0'

H & D LANDS LLC

PARCEL NO. 10-35-400-009 DOCUMENT NO. 20100005937 (TABLE A, ITEM 13) SOUTHEASTERLY RIGHT OF WAY

DOCUMENT NO. 200600032309

(TABLE A, ITEM 13)

LINE. FORMER CLEVELAND. CINCINNATI, CHICAGO AND ST LOUIS RAILWAY COMPANY

DESCRIBED AS PARCELS 1 & 2 IN EXHIBIT A, COMMITMENT FOR TITLE INSURANCE PREPARED BY

FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21,

ROUTE 16, A PUBLIC ROAD FOR PUBLIC USE, WITHOUT GAPS OR GORES. THE ;EASE PARCEL DESCRIPTION MATHEMATICALLY CLOSES TO WITHIN 0.01 OF A FOOT.

ELEVATION = 636.1

5/8" IRON REBAR

FILINGER DUSTIN

PARCEL NO. 15-02-200-029

(TABLE A. ITEM 13)

DUSTIN ELLINGER N 89°00'44" W 36.96'

JEFFREY SCHANTER PARCEL NO. 15-01-100-019 DOCUMENT NO 200600032309 (TABLE A, ITEM 13) 5/8" IRON REBAR JEFFREY SCHANTER AND JOYCE PAVIA - SOUTHWEST CORNER, SOUTHEAST CORNER, PARCEL NO. 15-02-200-008 NORTHEAST 1/4. NORTHWEST 1/4.

SECTION 2-8-5

FOUND CONCRETE MONUMENT

NORTHEAST 1/4

SECTION 1-8-5

& WEST LINE,

SEE SHEET 1 OF 3 FOR BOUNDARY INFORMATION SEE SHEET 3 OF 3 FOR SITE PLAN INFORMATION ISHMAEL LONA G

PARCEL NO. 10-36-300-002

(TABLE A, ITEM 13)

ELEVATION =661.1

MONTGOMERY - ELLINGER SOLAR

PROPOSED LEASE PARCEI

±33.946 ACRES

±1,478,722 SQ. FT.

(VACANT LAND, NO BUILDINGS

OBSERVED, NO ADDRESS)

(TABLE A. ITEM 2)

DUSTIN ELLINGER

PARCEL NO. 10-36-300-013

DOCUMENT NO. 202200002257

NORTH LINE, 18" (INCHES) WIDE EASEMENT GRANTED -

 $-\Delta = 5^{\circ}10'39'$

L = 680.75

R = 7533.37

 $CH = S 85^{\circ}54'03'' W$

680.52

T = 340.61'

TOP OF POLE

TO ILLINOIS CONSOLIDATED TELEPHONE COMPANY

DOC. NO. 197019 IN BOOK 79, PAGE 309

(SBSII. ITEM 29)

NORTHWEST CORNER

NORTHEAST CORNER,

WEST HALF,

SOUTHWEST 1/4

SECTION 36-9-5

SOUTHWEST 1/4,

TOP OF TREE

(TYPICAL)

LIMITS ACCEPTED BY THE PRACTICE OF PROFESSIONAL SURVEYING IN

LEGEND O = SET 1/2" REBAR W/ CAP ID #4051

= FOUND IRON (AS NOTED) Ø = UTILITY POLE = GUY WIRE

WIT = VAULT SOUTHWEST 1/4, SECTION 36-9-5

WEST LINE, -SOUTHWEST 1/4, SECTION 36-9-5 & EAST LINE,

SOUTHEAST 1/4 **SECTION 35-9-5**

= APPROXIMATE BURIED TELEPHONE LOCATION

10-36-300-013) SOUTHEAST CORNER SOUTHEAST 1/4. **SECTION 35-8-5**

SOUTHWEST CORNER, SOUTHWEST 1/4 SECTION 36-9-5 (CALCULATED) - NORTHWEST CORNER

NORTHWEST 1/4, SECTION 1-8-5 (CALCULATED) WETLAND DELINEATION PER EMMONS & OLIVER NORTHEAST CORNER RESOURCES, INC. NORTHEAST 1/4. SECTION 2-8-5

INVERT = 559.22

INVERT = 557.82

CUI VFRT

TOP OF POLE —

REPORT DATED JULY 2, 2024 N 88°09'26" W

 FOUND CONCRETE EAST ILLINOIS ROUTE 16

(R/W VARIES, ±34' ASPHALT ROADWAY) EASTING =2456602.965 ELEV. = 571.229' (NAVD88

- TOP OF POLE

VARIED RIGHT OF WAY

(SBSII, ITEM 41)

DOC. NO. 18147 IN BOOK 150, PAGE 29

ELEVATION = 624.5' VARIED RIGHT OF WAY DOC. NO. 18147 IN BOOK 150, PAGE 29 (SBSII, ITEM 41)

433 E. RANSOM ST. KALAMAZOO, MI. 49007 269.327.3532

WIGHTMAN

www.gowightman.com

SECTION 36-9-5

- NORTH LINE

- EAST LINE,

WEST 1/2.

SOUTHWEST 1/4

SECTION 36-9-5

SOUTHWEST 1/4

SECTION 36-9-5

PROJECT NAME: MONTGOMERY -

EAST ILLINOIS ROUTE 16

LITCHFIELD, IL 62056

ELLINGER

SUMMIT RIDGE ENERGY 1000 WILSON BLVD, SUITE

2400 ARLINGTON, VA 22209

BOWLES J & MARY E BRADLE DOCUMENT NO. 20120000023 (TABLE A, ITEM 13)

SOUTHEAST CORNER,

SOUTHEAST 1/4,

SECTION 36-9-5

SOUTH LINE.

SECTION 36-9-5

- & NORTH LINE. SECTION 1-8-5

SOUTHEAST CORNER

SECTION 36-9-6

CONTROL POINT:

EASTING =2457408.537

ORTHING = 913665.785

ELEV. = 571.406' (NAVD88)

- TOP OF POLE

REVISIONS

REPRODUCTION, COPYING OR OTHER E OF THIS DRAWING WITHOUT WRITTEN NSENT IS PROHIBITED. 2024 WIGHTMAN & ASSOCIATES, INC DATE: MARCH 20, 2025 SCALE: 1" = 100' DRAWN BY: SML CHECKED BY: GDH

> ALTA/NSPS LAND TITLE SURVEY

2 OF 3

LEGAL DESCRIPTION PER EXHIBIT A, COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21, 2024:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF MONTGOMERY, STATE OF ILLINOIS, AND IS DESCRIBED AS FOLLOWS:

PARCEL 1

ALL THAT PART OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 1, LYING NORTH OF ILLINOIS ROUTE 16 AND ALL THAT PART OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 2, LYING NORTH OF ILLINOIS ROUTE 16, AND LYING SOUTHEASTERLY OF THE FORMER CLEVELAND, CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT-OF-WAY, ALL IN TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE THIRD PRINCIPAL MERIDIAN

EXCEPT ANY INTEREST IN THE COAL, OIL, GAS AND OTHER MINERAL RIGHTS UNDERLYING THE LAND WHICH HAVE BEEN HERETOFORE CONVEYED OR RESERVED IN PRIOR CONVEYANCES, AND ALL RIGHTS AND EASEMENTS IN FAVOR OF THE ESTATE OF SAID COAL, OIL, GAS AND OTHER MINERALS.

SITUATED IN MADISON COUNTY, ILLINOIS

PERMANENT PARCEL NO. 15-02-200-029

ALL THAT PART OF THE EAST HALF OF THE SOUTHEAST QUARTER OF SECTION 35, LYING SOUTHEASTERLY OF THE FORMER CLEVELAND, CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT-OF-WAY AND ALL THAT PART OF THE WEST HALF OF THE SOUTHWEST QUARTER OF SECTION 36, LYING NORTH OF ILLINOIS ROUTE 16 AND LYING SOUTHEASTERLY OF THE FORMER CLEVELAND, CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT-OF-WAY, ALL IN TOWNSHIP 9 NORTH, RANGE 5 WEST OF THE THIRD PRINCIPAL MERIDIAN.

EXCEPT ANY INTEREST IN THE COAL, OIL, GAS AND OTHER MINERAL RIGHTS UNDERLYING THE LAND WHICH HAVE BEEN HERETOFORE CONVEYED OR RESERVED IN PRIOR CONVEYANCES, AND ALL RIGHTS AND EASEMENTS IN FAVOR OF THE ESTATE OF SAID COAL, OIL, GAS AND OTHER MINERALS.

SITUATED IN MADISON COUNTY, ILLINOIS

PERMANENT PARCEL NO. 15-36-300-013

SCHEDULE B, PART II, ITEMS PER COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21, 2024:

ITEMS 1-22: NOT SURVEY RELATED

ITEM 23: PLAT OF SURVEY RECORDED AUGUST 11, 1967 AS DOCUMENT 216441 IN BOOK 3 OF PLATS, PAGE 25. **ROW AS SHOWN HEREON**.

ITEM 24: PLAT OF SURVEY RECORDED NOVEMBER 18, 1966 AS DOCUMENT 213991 IN BOOK 3 OF PLATS. PAGE 17. **ROW AS SHOWN HEREON.**

ITEM 25: EASEMENT GRANTED TO ILLINOIS POWER AND LIGHT CORPORATION,
DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 23599 IN BOOK 19,
PAGE 362. 5' WIDE STRIP AND 50' TIMBER REMOVAL EASEMENTS AS

SHOWN HEREON. SEE DOCUMENT FOR POTENTIAL ADDITIONAL RIGHTS

PAGE 129. IS NOT ON AND DOES NOT TOUCH THE SURVEY PROPERTY.

THE ROAD RIGHT OF WAY AND RUNNING SOUTH. NO POLES OBSERVED.

ITEM 26: EASEMENT GRANTED TO ILLINOIS POWER AND LIGHT CORPORATION, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 36759 IN BOOK 21,

ITEM 27: EASEMENT GRANTED TO ILLINOIS IOWA POWER COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 91955 IN BOOK 40, PAGE 149. POLES TO BE SET ON OR ALONG THE WEST LINE OF SECTION 36 AT THE ROAD RIGHT OF WAY AND IN A NORTH & SOUTH DIRECTION. NO POLES OBSERVED. NOTE: EASEMENT GRANTED TO ILLINOIS IOWA POWER COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN BOOK 40, PAGE 150. POLES TO BE SET 1' WEST OF THE EAST LINE OF SECTION 2 BEGIN AT

ITEM 28: EASEMENT GRANTED TO THE CITY OF LITCHFIELD, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 92562 IN BOOK 40, PAGE 199. IS

NOT ON AND DOES NOT TOUCH THE SURVEY PROPERTY.

TOUCH THE SURVEYED PROPERTY.

ITEM 29: EASEMENT GRANTED TO ILLINOIS CONSOLIDATED TELEPHONE COMPANY,
DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 197019 IN BOOK 79,
PAGE 309. 18" (INCHES) WIDE EASEMENT IS NOT ON AND DOES NOT

ITEM 30: EASEMENT GRANTED TO SHOAL CREEK DRAINAGE DISTRICT OF MONTGOMERY COUNTY, ILLINOIS, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 209224 IN BOOK 86, PAGE 328. 400 FEET WIDE STRIP OF LAND DESCRIBED IS NOT ON AND DOES NOT TOUCH THE SURVEYED

ITEM 31: EASEMENT GRANTED TO SHOAL CREEK DRAINAGE DISTRICT OF MONTGOMERY COUNTY, ILLINOIS, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 211517 IN BOOK 90, PAGE 145. IS NOT ON AND DOES NOT

ITEM 32: EASEMENT GRANTED TO ILLINOIS CONSOLIDATED TELEPHONE COMPANY, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 226838 IN BOOK 106, PAGE 156. BLANKET IN NATURE. COVERS ALL OF THAT PORTION OF SECTION 36 FOR WHICH THE GRANTOR HAD ANY INTEREST. NO TELEPHONE LINES, POLE, ANCHORS OR GUY WIRES OBSERVED ON THAT PORTION OF THE SURVEYED PARCEL LYING WITHIN SECTION 36.

ITEM 33: EASEMENT GRANTED TO THREE COUNTY PUBLIC WATER DISTRICT, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 294551 IN BOOK 149, PAGE 372. IS NOT ON AND DOES NOT TOUCH THE SURVEYED

ITEM 34: EASEMENT GRANTED TO THREE COUNTY PUBLIC WATER DISTRICT, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 294552 IN BOOK 149, PAGE 373. IS NOT ON AND DOES NOT TOUCH THE SURVEYED

ITEM 35: EASEMENT GRANTED TO THREE COUNTY PUBLIC WATER DISTRICT, DISCLOSED BY INSTRUMENT RECORDED IN DOCUMENT 304779 IN BOOK 154, PAGE 351. IS NOT ON AND DOES NOT TOUCH THE SURVEYED

ITEM 36: OIL AND GAS LEASE MADE BY AND BETWEEN MARGARET STOCKMAN, FRANCES MAE STOCKMAN PAINTER, AND GLENN W. PAINTER ("LESSOR") AND EDWARD S. RIDGWAY ("LESSEE"), RECORDED JUNE 04, 1957 AS DOCUMENT 169134, IN BOOK 70, PAGE 291, AND THE TERMS AND PROVISIONS CONTAINED THEREIN.

AFFIDAVIT OF NON-PRODUCTION MADE BY TOMMIE JONES, RECORDED APRIL 21, 1976 AS DOCUMENT 250173 IN BOOK 125, PAGE 413. BLANKET IN NATURE. COVERS ALL OF THAT PORTION OF SURVEYED PROPERTY LYING WITHIN SECTION 36, UNDEFINED PORTIONS OF SECTION 2, AND THAT PORTION OF SECTION 35, EXCEPT SOUTH 66 FEET OF SECTION 35. THE SURVEYOR HAS INFORMATION (BOOK 125, PAGE 413) INDICATING THE LEASE MAY HAVE BEEN RELEASED OR OTHERWISE TERMINATED.

UNDERGROUND COAL OPTION MADE BY AND BETWEEN OLIVER A. HOLLO AND PANSY L. HOLLO AND CONSOLIDATED COAL COMPANY, RECORDED MAY 01, 1974 AS DOCUMENT 241680 IN BOOK 120, PAGE 170, AND THE TERMS AND PROVISIONS CONTAINED THEREIN. BLANKET IN NATURE. COVERS THAT PORTION OF THE SURVEYED PROPERTY LYING WITHIN

ITEM 38: UNDERGROUND COAL OPTION MADE BY AND BETWEEN FRANCES MAE PAINTER AND GLENN W. PAINTER AND CONSOLIDATED COAL COMPANY, RECORDED MAY 08, 1974 AS DOCUMENT 241769 IN BOOK 120, PAGE 188, AND THE TERMS AND PROVISIONS CONTAINED THEREIN.

RECEIPT OF A CERTAIN UNDERGROUND COAL OPTION MADE BY FRANCES MAE PAINTER, RECORDED OCTOBER 05, 1976 AS DOCUMENT 252612 IN BOOK 127, PAGE 245. BLANKET IN NATURE. COVERS ALL OF THAT PORTION OF SURVEYED PROPERTY LYING WITHIN SECTION 36 AND THAT PORTION OF SURVEYED PROPERTY LYING WITHIN SECTION 35, EXCEPT SOUTH 66 FEET OF SECTION 35.

ITEMS 39-40: NOT SURVEY RELATED

ITEMS 42-46: NOT SURVEY RELATED

ITEM 41: DEDICATION OF RIGHT-OF-WAY FOR PUBLIC ROAD PURPOSES RECORDED AUGUST 17, 1923 AS DOCUMENT 18147 IN BOOK 150, PAGE 29. ROW AS SHOWN HEREON.

ALTA/NSPS LAND TITLE SURVEY

IN THE SOUTHEAST 1/4 OF SECTION 35 AND SOUTHWEST 1/4 OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 5 WEST, AND IN THE NORTHEAST 1/4 OF SECTION 2 AND NORTHWEST 1/4 OF SECTION 1, TOWNSHIP 8 NORTH, RANGE 5 WEST OF THE SECOND PRINCIPAL MERIDIAN, MONTGOMERY COUNTY, ILLINOIS

LEGAL DESCRIPTION (LEASE PARCEL):

THAT PART OF THE SOUTHEAST QUARTER OF SECTION 35 AND

SOUTHWEST QUARTER OF SECTION 36, TOWNSHIP 9 NORTH, RANGE 5

WEST, AND THAT PART OF THE NORTHEAST QUARTER OF SECTION 2

AND NORTHWEST QUARTER OF SECTION 1, TOWNSHIP 8 NORTH, RANGE

5 WEST OF THE SECOND PRINCIPAL MERIDIAN, MONTGOMERY COUNTY

ILLINOIS, DESCRIBED AS: COMMENCING AT THE NORTHWEST CORNER OF

THE NORTHEAST QUARTER OF SAID SECTION 2; THENCE SOUTH 89° 06' 52"

EAST ON THE NORTH LINE OF SAID SECTION 2 A DISTANCE OF 2135.87 FEET

TO THE POINT OF REGINNING OF THE LAND HEREIN DESCRIBED. THENCE

CONTINUING SOUTH 89° 06' 52" EAST ON SAID NORTH LINE A DISTANCE OF

100.00 FEET; THENCE NORTH 50° 09' 44" EAST PARALLEL WITH THE SOUTHEASTERLY RIGHT OF WAY LINE OF THE FORMER CLEVELAND,

NORTHEAST 1/4.

FOUND CONCRETE MONUMENT

SECTION 2-8-5

DOCUMENT NO. 200600032309

(TABLE A, ITEM 13)

NORTHWEST 1/4.

SECTION 1-8-5

FOUND CONCRETE MONUMENT

SURVEYOR'S CERTIFICATION

TO: SUMMIT RIDGE ENERGY, LLC, A DELAWARE LIMITED LIABILITY COMPANY; AND TITLEVEST, A DIVISION OF FIRST AMERICAN TITLE INSURANCE COMPANY:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6a, 6b, 7a, 7b, 7c, 8, 9, 11a, 11b, 13, 14, 16, 17, 18 AND 19 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON JANUARY 22, 2024. DATE OF PLAT OR MAP: MARCH 20, 2025

AARON D. SMITH PS-035-004051 LICENCE EXSPIRES: 11/30/2026

BENCHMARK:

X IN SOUTHWEST CORNER
OF CONCRETE BRIDGE
NORTHING = 913607.741
EASTING = 2458136.139

ELEV. = 575.60' (NAVD88)

SURVEY NOTES:

MONUMENTS HAVE BEEN PLACED (OR A REFERENCE MONUMENT OR WITNESS TO THE CORNER) AT ALL MAJOR CORNERS OF THE BOUNDARY OF THE PROPERTY, UNLESS ALREADY MARKED OR REFERENCED BY EXISTING MONUMENTS OR WITNESSES IN CLOSE PROXIMITY TO THE CORNER (TABLE A. ITEM 1).

PARCEL ADDRESS: VACANT LAND LOCATED ON EAST ILLINOIS ROUTE 16, LITCHFIELD, ILLINOIS 62056, PER SCHEDULE A, COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21, 2024 (TABLE A, ITEM 2).

PER FLOOD HAZARD BOUNDARY MAP (COMMUNITY PANEL NUMBER 170992 005 A EFFECTIVE DATE JANUARY 9, 1981) THE SURVEYED PARCEL DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA (TABLE A, ITEM 3).

THE SURVEYED PARCEL CONTAINS 33.946 ACRES (1,478,722 SQUARE FEET), MORE OR LESS. THE FEE SIMPLE PARCEL (PARCELS 1 & 2) CONTAINS 39.434 ACRES (1,717,756 SQUARE FEET), MORE OR LESS (TABLE A, ITEM 4).

NO ZONING LETTER OR REPORT PROVIDED BY CLIENT, TO DATE (TABLE A, ITEM 6(a)(b)).

NO EXISTING BUILDINGS WERE OBSERVED WITHIN THE SURVEYED PARCEL WHILE CONDUCTING THE FIELDWORK (TABLE A, ITEMS 7(a)(b)(c)).

SUBSTANTIAL FEATURES OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK ARE SHOWN HEREON, INCLUDING ANY ABOVE-GROUND UTILITIES (TABLE A, ITEM 8).

NO CLEARLY IDENTIFIABLE PARKING SPACES OR SURFACE PARKING AREAS, LOTS OR STRUCTURES WERE OBSERVED IN THE PROCESS OF CONDUCTING THIS SURVEY.. (TABLE A, ITEM

LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. IN ADDITION, IN SOME JURISDICTIONS, 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT IN AN INCOMPLETE RESPONSE. AS SUCH, ON THIS SURVEY, THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS ONLY. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE UNDERGROUND UTILITIES ARE BASED ON THE SURVEYOR'S OPINION AND ARE TRUE TO THE SURVEYOR'S INFORMATION, KNOWLEDGE, AND BELIEF. THE SURVEYOR FURTHER DOES NOT CERTIFY THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY. WHEN PROVIDED, THE SURVEYOR IS RELYING ON THE ACCURACY, COMPLETENESS, AND TECHNICAL SUFFICIENCY OF THE INFORMATION FURNISHED BY OR ON BEHALF OF THE CLIENT (TABLE A, ITEMS 11(a) AND 11(b)).

NAMES OF ADJOINING OWNERS ACCORDING TO TAX RECORDS OF PLATTED AND UNPLATTED LANDS ARE SHOWN HEREON (TABLE A. ITEM 13).

DISTANCE TO THE NEAREST INTERSECTING STREET (EAST ILLINOIS ROUTE 16 AND LITCHFIELD QUARRY ROAD) IS ±890' EAST OF THE SURVEYED PARCEL (TABLE A, ITEM 14).

AT THE TIME OF THE FIELD WORK THERE WAS NO OBSERVABLE EVIDENCE OF EARTH MOVING, BUILDING CONSTRUCTION OR BUILDING ADDITIONS (TABLE A, ITEM 16).

NO INFORMATION REGARDING PROPOSED CHANGES IN STREET RIGHT OF WAY LINES WAS MADE AVAILABLE TO THE SURVEYOR BY THE CONTROLLING JURISDICTION. NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS WERE OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK (TABLE A, ITEM 17).

THE ON-SITE AND APPURTENANT EASEMENTS TO THE SURVEYED PARCEL DISCLOSED BY TITLE SEARCH PROVIDED BY THE CLIENT ARE SHOWN HEREON (TABLE A, ITEM 18).

THE ELEVATION OF THE TOPS OF UTILITY POLES, TREES, AND OTHER OBSTRUCTIONS THAT COULD AFFECT SOLAR PANELS ARE SHOWN (TABLE A, ITEM 20).

WETLANDS SHOWN HEREON ARE BASED ON THE WETLAND AND WATERS DETERMINATION REPORT PREPARED BY EMMONS & OLIVER RESOURCES, INC., REPORT DATED JULY 2, 2024.

THE SURVEYED PARCEL (LEASE PARCEL) IS A PORTION OF THAT CERTAIN PARCEL OF LAND

DESCRIBED AS PARCELS 1 & 2 IN EXHIBIT A, COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. TIL927070, DATED FEBRUARY 21,

PARCEL NO. 10-35-400-011

(TABLE A, ITEM 13)

5/8" IRON REBAR

5/8" IRON REBAR

TOP OF POLE

ELEVATION = 604

ELEVATION = 636.1

5/8" IRON REBAR

S 89°06'52" E 2135.87'`

POINT OF

BEGINNING

ELEVATION = 649.2'

NO PHYSICAL VEHICULAR ACCESS POINT WAS OBSERVED ON THE SURVEYED PARCEL. AFTER PROPOSED CONSTRUCTION, THE LEASE PARCEL WILL HAVE DIRECT ACCESS TO EAST ILLINOIS ROUTE 16, A PUBLIC ROAD FOR PUBLIC USE, WITHOUT GAPS OR GORES.

THE ;EASE PARCEL DESCRIPTION MATHEMATICALLY CLOSES TO WITHIN 0.01 OF A FOOT

POINT OF COMMENCEMENT

5/8" IRON REBAR

5/8" IRON REBAR

TOP OF TREE -

NORTHWEST CORNER.

FOUND CAPPED IRON REBAR

NORTHEAST 1/4

SECTION 2-8-5

- NORTH LINE,

NORTHEAST 1/4

SECTION 2-8-5

& SOUTH LINE

SOUTHEAST 1/4

SECTION 36-9-5

PARCEL NO. 15-02-200-025

FILINGER DUSTIN

PARCEL NO. 15-02-200-029

DOCUMENT NO 202200002261

(TABLE A. ITEM 13)

(TABLE A, ITEM 13)

CINCINNATI, CHICAGO AND ST. LOUIS RAILWAY COMPANY RIGHT OF WAY TOP OF TREE ISHMAEL LONA G 2364.74 FEET TO THE EAST LINE OF THE WEST HALF OF THE SOUTHWEST PARCEL NO. 10-36-300-002 QUARTER OF SAID SECTION 36; THENCE SOUTH 00° 10' 13" EAST ON SAID EAST LINE 1480.46 FEET TO THE NORTH RIGHT OF WAY LINE OF EAST (TABLE A, ITEM 13) II I INOIS ROUTE 16. THENCE SOUTH 84° 26' 03" WEST ON SAID NORTH RIGHT OF WAY LINE 90.74 FEET: THENCE WESTERLY 680.75 FEET ON SAID NORTH RIGHT OF WAY LINE AND ON A 7533.37 FOOT RADIUS CURVE TO THE LEFT WHOSE CHORD BEARS SOUTH 85° 54' 03" WEST 680.52 FEET; THENCE SOUTH 83° 18' 44" WEST ON SAID NORTH RIGHT OF WAY LINE 324.67 FEET; THENCE NORTH 88° 09' 26" WEST ON SAID NORTH RIGHT OF WAY LINE 101.12 FEET; THENCE SOUTH 83° 18' 44" WEST ON SAID NORTH RIGHT OF WAY LINE 935.36 FEET TO THE SOUTHEASTERLY RIGHT OF WAY LINE OF ELEVATION =661.1 SAID FORMER RAILWAY COMPANY: THENCE NORTH 50° 09' 44" EAST ON (TYPICAL) SAID FORMER RIGHT OF WAY LINE 262.32 FEET TO THE POINT OF BEGINNING. CONTAINING 33.946 ACRES (1,478,722 SQUARE FEET), MORE THE RELATIVE POSITIONAL PRECISION OF EACH CORNER IS WITHIN THE LIMITS ACCEPTED BY THE PRACTICE OF PROFESSIONAL SURVEYING IN BEARINGS ARE RELATED TO THE ILLINOIS STATE PLANE COORDINATE PROPOSED SOLAR **VICINITY MAP** PANEL ARRAYS (NOT TO SCALE) **LEGEND** = SET 1/2" REBAR W/ CAP ID #4051 = FOUND IRON (AS NOTED) Ø = UTILITY POLE DOCUMENT NO. 2010000593 WEST 1/2. = GUY WIRE SOUTHWEST 1/4 WETLAND DELINEATION PER EMMONS & OLIVER RESOURCES, INC. SECTION 36-9-5 WIT = VAULT REPORT DATED JULY 2, 2024 NORTHWEST CORNER, YP = YELLOW PAINT SOUTHWEST 1/4, CENTER OF SECTION N 89°30'31" W SECTION 36-9-5 OP = ORANGE PAINT o^{GM} = GAS MARKER POST o^{FO} = FIBER OPTIC POST NORTH LINE SOUTHWEST 1/4 = TELEPHONE RISER BOX WEST LINE, -**SECTION 36-9-5** SOUTHWEST 1/4, ▼ = SIGN SECTION 36-9-5 & EAST LINE, - PROPOSED SOUTHEAST 1/4 INVERTER RACK **SECTION 35-9-5** SBII = SCHEDULE B, SECTION II BOWLES J & MARY E BRADLE NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988 PARCEL NO. 10-36-300-014 DOCUMENT NO. 20120000023 (TABLE A, ITEM 13) CONC. = CONCRETE EQUIPMEN' —— OHE ———— = OVERHEAD UTILITY LINE = APPROXIMATE BURIED TELEPHONE LOCATION ——— — — = ADJOINING PROPERTY LINE = CONCRETE AREA MONTGOMERY - ELLINGER SOLAR = GRAVEL AREA PROPOSED LEASE PARCEL ELEVATION = 646.0' *±33.946 ACRES* ±1,478,722 SQ. FT. (VACANT LAND, NO BUILDINGS H & D LANDS LLC OBSERVED, NO ADDRESS) PROPOSED BURIE PARCEL NO. 10-35-400-009 ELECTRIC LINES (TABLE A. ITEM 2) DOCUMENT NO. 20100005937 (TABLE A, ITEM 13) **DUSTIN ELLINGER** PARCEL NO. 10-36-300-013 **DOCUMENT NO. 2022000022** SOUTHEASTERLY RIGHT OF WAY PROPOSED LINE. FORMER CLEVELAND. INVERTER RACK CINCINNATI, CHICAGO AND ST LOUIS RAILWAY COMPANY PROPOSED PROPOSED -FOUIPMENT PADS PROPOSED SOLAR PANE INTERCONNECTING ELECTRIC LINES 10-36-300-013) PARCEL SOUTHEAST CORNER SOUTHEAST 1/4 **SECTION 35-8-5** SOUTHWEST CORNER SOUTHWEST 1/4 SECTION 36-9-5 CALCULATED) DOC NO 18147 IN BOOK 150 PAGE 2 (SBSII, ITEM 41 + PROPOSED NORTHWEST CORNER 15' SETBACK FROM FENCE (TYPICAL) VARIABLE WIDTH -FENCE (TYPICAL) SOUTHEAST CORNER, NORTHWEST 1/4 WETLAND DELINEATION PER SETBACK FROM SOUTHEAST 1/4, SECTION 1-8-5 EMMONS & OLIVER - PROPOSED EASE PARCEL LINE SECTION 36-9-5 RESOURCES, INC 24' WIDE GATE NORTHEAST CORNER, REPORT DATED JULY 2, 2024 NORTH LINE, 18" (INCHES) WIDE EASEMENT GRANTED NORTHEAST 1/4 TO ILLINOIS CONSOLIDATED TELEPHONE COMPANY SECTION 2-8-5 SOUTH LINE. DOC. NO. 197019 IN BOOK 79, PAGE 309 \mathcal{H} proposed utility kSECTION 36-9-5 (SBSII, ITEM 29) POLE (TYPICAL) - & NORTH LINE. SECTION 1-8-5 FOUND CONCRETI _x N 89°00'44" W DUSTIN ELLINGER 36.96' PARCEL NO 15-02-200-029 DOCUMENT NO. 202200002257 ILLINOIS POWER AND LIGHT CORPORATION SOUTHEAST CORNER C. NO. 23599 IN BOOK 19, PAGE 362 $-\Delta = 5^{\circ}10'39'$ -₁₅₋₀₂₋₂₀₀₋₀₂₉) - EAST ILLINOIS ROUTE 16 L = 680.75**SECTION 36-9-6** CONTROL POINT: (R/W VARIES, ±34' ASPHALT ROADWAY) R = 7533.37NORTHING = 913665.78! T = 340.61'EASTING =2457408.537 INVERT = 559.22 ELEV. = 571.406' (NAVD88) $CH = S 85^{\circ}54'03'' W$ CUI VFRT EASTING =2456602.965 680.52 TOP OF POLE INVERT = 557.82 PROPOSED CONSTRUCTION ELEV. = 571.229' (NAVD88 - TOP OF POLE TOP OF POLE INTERCONNECTION - TOP OF POLE NORTHEAST 1/4 TOP OF POLE — ELEVATION = 624.5 & WEST LINE, VARIED RIGHT OF WAY DOC. NO. 18147 IN BOOK 150, PAGE 29 JEFFREY SCHANTER (SBSII, ITEM 41) PARCEL NO. 15-01-100-019 DOCUMENT NO 200600032309 (TABLE A, ITEM 13) SITE PLAN INFORMATION SHOWN HEREON IS BASED ON A SITE 5/8" IRON REBAR JEFFREY SCHANTER AND JOYCE PAVIA PLAN PREPARED BY SUMMIT RIDGE ENERGY DATED 12/27/2024 SOUTHEAST CORNER, - SOUTHWEST CORNER PARCEL NO. 15-02-200-008

W+ WIGHTMAN

WIGHTMAN
433 E. RANSOM ST.

KALAMAZOO, MI. 49007

269.327.3532

SECTION 36-9-5

- NORTH LINE

SOUTHWEST 1/4

SECTION 36-9-5

NORTHWEST CORNER

NORTHEAST CORNER,

WEST HALF,

SOUTHWEST 1/4

SECTION 36-9-5

SOUTHWEST 1/4,

SEE SHEET 1 OF 3 FOR BOUNDARY INFORMATION

SEE SHEET 2 OF 3 FOR TOPOGRAPHIC INFORMATION

www.gowightman.com

PROJECT NAME:

MONTGOMERY -

ELLINGER EAST ILLINOIS ROUTE 16 LITCHFIELD, IL 62056

SUMMIT RIDGE ENERGY

1000 WILSON BLVD, SUITE

2400 ARLINGTON, VA 22209

REVISIONS

THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED.

2024 WIGHTMAN & ASSOCIATES, INC.

DATE: MARCH 20, 2025

SCALE: 1" = 100'
DRAWN BY: SML
CHECKED BY: GDH

ALTA/NSPS LAND TITLE SURVEY

OB No. 241135



EXHIBIT C – INTERCONNECTION AGREEMENT

STANDARD AGREEMENT FOR INTERCONNECTION OF DISTRIBUTED ENERGY RESOURCES FACILITIES WITH A CAPACITY LESS THAN OR EQUAL TO 10 MVA

This agreement (together with all attachments, the "Agreement") is made and entered into this 27 day of February 2025, by and between Montgomery IL Solar 1, LLC ("interconnection customer"), as a LLC organized and existing under the laws of the State of Delaware and Ameren Illinois Company, ("Electric Distribution Company" or "EDC"), a corporation existing under the laws of the State of Illinois. Interconnection customer and EDC each may be referred to as a "Party", or collectively as the "Parties".

Recitals:

Whereas, interconnection customer is proposing to install or direct the installation of a distributed energy resources (DER) facility, or is proposing a generating capacity addition to an existing distributed energy resources (DER) facility, consistent with the interconnection request application form completed by interconnection customer on 04/05/2024; and

Whereas, the interconnection customer will operate and maintain, or cause the operation and maintenance of, the DER facility; and

Whereas, interconnection customer desires to interconnect the DER facility with EDC's electric distribution system.

Now, therefore, in consideration of the premises and mutual covenants set forth in this Agreement, and other good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, the Parties covenant and agree as follows:

Article 1. Scope and Limitations of Agreement

- 1.1 This Agreement shall be used for all approved interconnection requests for DER facilities that fall under Levels 2, 3 and 4 according to the procedures set forth in Part 466 of the Commission's rules (83 Ill. Adm. Code 466) (referred to as the Illinois Distributed Energy Resources Interconnection Standard).
- 1.2 This Agreement governs the terms and conditions under which the DER facility will interconnect to, and operate in parallel with, the EDC's electric distribution system.
- 1.3 This Agreement does not constitute an agreement to purchase or deliver the interconnection customer's power.
- 1.4 Nothing in this Agreement is intended to affect any other agreement between the EDC and the interconnection customer.

1.5 Terms used in this agreement are defined as in Section 466.20 of the Illinois Distributed Energy Resources Interconnection Standard unless otherwise noted.

1.6 Responsibilities of the Parties

- 1.6.1 The Parties shall perform all obligations of this Agreement in accordance with all applicable laws and regulations.
- 1.6.2 The EDC shall construct, own, operate, and maintain its interconnection facilities in accordance with this Agreement.
- 1.6.3 The interconnection customer shall construct, own, operate, and maintain its distributed energy resources (DER) facility and interconnection facilities in accordance with this Agreement.
- 1.6.4 Each Party shall operate, maintain, repair, and inspect, and shall be fully responsible for, the facilities that it now or subsequently may own unless otherwise specified in the attachments to this Agreement. Each Party shall be responsible for the safe installation, maintenance, repair and condition of its respective lines and appurtenances on its respective sides of the point of interconnection.
- 1.6.5 The interconnection customer agrees to design, install, maintain and operate its DER facility so as to minimize the likelihood of causing an adverse system impact on the electric distribution system or any other electric system that is not owned or operated by the EDC.

1.7 Parallel Operation Obligations

Once the DER facility has been authorized to commence parallel operation, the interconnection customer shall abide by all operating procedures established in IEEE Standard 1547 and any other applicable laws, statutes or guidelines, including those specified in Attachment 4 of this Agreement.

1.8 Metering

The interconnection customer shall be responsible for the cost to purchase, install, operate, maintain, test, repair, and replace metering and data acquisition equipment specified in Attachments 5 and 6 of this Agreement.

1.9 Reactive Power

1.9.1 Interconnection customers with a DER facility larger than or equal to 1 MVA shall design their DER facilities to maintain a power factor at the point of interconnection between .95 lagging and .95 leading at all times. Interconnection customers with a DER facility smaller than 1 MVA shall design their DER

- facility to maintain a power factor at the point of interconnection between .90 lagging and .90 leading at all times.
- 1.9.2 Any EDC requirements for meeting a specific voltage or specific reactive power schedule as a condition for interconnection shall be clearly specified in Attachment 4. Under no circumstance shall the EDC's additional requirements for voltage or reactive power schedules exceed the normal operating capabilities of the DER facility.
- 1.9.3 If the interconnection customer does not operate the distributed energy resources (DER) facility within the power factor range specified in Attachment 4, or does not operate the distribute generation facility in accordance with a voltage or reactive power schedule specified in Attachment 4, the interconnection customer is in default, and the terms of Article 6.5 apply.

1.10 Standards of Operations

The interconnection customer must obtain all certifications, permits, licenses and approvals necessary to construct, operate and maintain the facility and to perform its obligations under this Agreement. The interconnection customer is responsible for coordinating and synchronizing the DER facility with the EDC's system. The interconnection customer is responsible for any damage that is caused by the interconnection customer's failure to coordinate or synchronize the DER facility with the electric distribution system. The interconnection customer agrees to be primarily liable for any damages resulting from the continued operation of the DER facility after the EDC ceases to energize the line section to which the DER facility is connected. In Attachment 4, the EDC shall specify the shortest reclose time setting for its protection equipment that could affect the DER facility. The EDC shall notify the interconnection customer at least 10 business days prior to adopting a faster reclose time on any automatic protective equipment, such as a circuit breaker or line recloser, that might affect the DER facility.

Article 2. Inspection, Testing, Authorization, and Right of Access

- 2.1 Equipment Testing and Inspection

 The interconnection customer shall test and inspect its DER facility including the
 - interconnection customer shall test and inspect its DER facility including the interconnection equipment prior to interconnection in accordance with IEEE Standard 1547 (2003) and IEEE Standard 1547.1 (2005). The interconnection customer shall not operate its DER facility in parallel with the EDC's electric distribution system without prior written authorization by the EDC as provided for in Articles 2.1.1-2.1.3.
 - The EDC shall perform a witness test after construction of the DER facility is 2.1.1 completed, but before parallel operation, unless the EDC specifically waives the witness test. The interconnection customer shall provide the EDC at least 15 business days' notice of the planned commissioning test for the DER facility. If the EDC performs a witness test at a time that is not concurrent with the commissioning test, it shall contact the interconnection customer to schedule the witness test at a mutually agreeable time within 10 business days after the scheduled commissioning test designated on the application. If the EDC does not perform the witness test within 10 business days after the commissioning test, the witness test is deemed waived unless the Parties mutually agree to extend the date for scheduling the witness test, or unless the EDC cannot do so for good cause, in which case, the Parties shall agree to another date for scheduling the test within 10 business days after the original scheduled date. If the witness test is not acceptable to the EDC, the EDC shall deliver in writing a detailed technical description of all deficiencies of the DER facility identified by the EDC during the witness test. The interconnection customer has 30 business days after receipt of the written description to address and resolve any deficiencies. This time period may be extended upon agreement between the EDC and the interconnection customer. If the interconnection customer fails to address and resolve the deficiencies to the satisfaction of the EDC, the applicable cure provisions of Article 6.5 shall apply. The interconnection customer shall, if requested by the EDC, provide a copy of all documentation in its possession regarding testing conducted pursuant to IEEE Standard 1547.1.
 - 2.1.2 If the interconnection customer conducts interim testing of the DER facility prior to the witness test, the interconnection customer shall obtain permission from the EDC before each occurrence of operating the DER facility in parallel with the electric distribution system. The EDC may, at its own expense, send qualified personnel to the DER facility to observe such interim testing, but it cannot mandate that these tests be considered in the final witness test. The EDC is not required to observe the interim testing or precluded from requiring the tests be repeated at the final witness test. During and leading up to the witness test, the EDC shall not limit the interconnection customer's ability to test the DER facility during normal working hours except for safety and reliability reasons.

2.1.3 After the DER facility passes the witness test, the EDC shall affix an authorized signature to the certificate of completion and return it to the interconnection customer approving the interconnection and authorizing parallel operation. The authorization shall not be conditioned or delayed and the EDC shall return the signed certificate of completion to the interconnection customer no more than 10 business days after the date that the DER facility passes the witness test.

2.2 Commercial Operation

The interconnection customer shall not operate the DER facility, except for interim testing as provided in Article 2.1, until such time as the certificate of completion is signed by all Parties.

2.3 Right of Access

The EDC must have access to the disconnect switch and metering equipment of the DER facility at all times. When practical, the EDC shall provide notice to the customer prior to using its right of access.

Article 3. Effective Date, Term, Termination, and Disconnection

3.1 Effective Date

This Agreement shall become effective upon execution by all Parties.

3.2 Term of Agreement

This Agreement shall become effective on the effective date and shall remain in effect unless terminated in accordance with Article 3.3 of this Agreement.

3.3 Termination

- 3.3.1 The interconnection customer may terminate this Agreement at any time by giving the EDC 30 calendar days prior written notice.
- 3.3.2 Either Party may terminate this Agreement after default pursuant to Article 6.5.
- 3.3.3 The EDC may terminate, upon 60 calendar days' prior written notice, for failure of the interconnection customer to complete construction of the DER facility within 12 months after the in-service date as specified by the Parties in Attachment 2, which may be extended by agreement between the Parties.
- 3.3.4 The EDC may terminate this Agreement, upon 60 calendar days' prior written notice, if the interconnection customer has abandoned, cancelled, permanently disconnected or stopped development, construction, or operation of the DER facility, or if the interconnection customer fails to operate the DER facility in parallel with the EDC's electric system for three consecutive years.
- 3.3.5 Upon termination of this Agreement, the DER facility will be disconnected from the EDC's electric distribution system. Terminating this Agreement does not

- relieve either Party of its liabilities and obligations that are owed or continuing when the Agreement is terminated.
- 3.3.6 If the Agreement is terminated, the interconnection customer loses its position in the interconnection queue.
- 3.4 Temporary Disconnection
 - A Party may temporarily disconnect the DER facility from the electric distribution system in the event one or more of the following conditions or events occurs:
 - 3.4.1 Emergency conditions – shall mean any condition or situation: (1) that in the judgment of the Party making the claim is likely to endanger life or property; or (2) that the EDC determines is likely to cause an adverse system impact, or is likely to have a material adverse effect on the EDC's electric distribution system, interconnection facilities or other facilities, or is likely to interrupt or materially interfere with the provision of electric utility service to other customers; or (3) that is likely to cause a material adverse effect on the DER facility or the interconnection equipment. Under emergency conditions, the EDC or the interconnection customer may suspend interconnection service and temporarily disconnect the DER facility from the electric distribution system. The EDC must notify the interconnection customer when it becomes aware of any conditions that might affect the interconnection customer's operation of the DER facility. The interconnection customer shall notify the EDC when it becomes aware of any condition that might affect the EDC's electric distribution system. To the extent information is known, the notification shall describe the condition, the extent of the damage or deficiency, the expected effect on the operation of both Parties' facilities and operations, its anticipated duration, and the necessary corrective action.
 - 3.4.2 Scheduled maintenance, construction, or repair the EDC may interrupt interconnection service or curtail the output of the DER facility and temporarily disconnect the DER facility from the EDC's electric distribution system when necessary for scheduled maintenance, construction, or repairs on EDC's electric distribution system. The EDC shall provide the interconnection customer with notice no less than 5 business days before an interruption due to scheduled maintenance, construction, or repair, or the EDC shall provide notice immediately if the scheduled maintenance, construction, or repair is scheduled less than 5 business days in advance. The EDC shall coordinate the reduction or temporary disconnection with the interconnection customer; however, the interconnection customer is responsible for out-of-pocket costs incurred by the EDC for deferring or rescheduling maintenance, construction or repair at the interconnection customer's request.

- Forced outages The EDC may suspend interconnection service to repair the EDC's electric distribution system. The EDC shall provide the interconnection customer with prior notice, if possible. If prior notice is not possible, the EDC shall, upon written request, provide the interconnection customer with written documentation, after the fact, explaining the circumstances of the disconnection.
- 3.4.4 Adverse system impact the EDC must provide the interconnection customer with written notice of its intention to disconnect the DER facility, if the EDC determines that operation of the DER facility creates an adverse system impact. The documentation that supports the EDC's decision to disconnect must be provided to the interconnection customer. The EDC may disconnect the DER facility if, after receipt of the notice, the interconnection customer fails to remedy the adverse system impact, unless emergency conditions exist, in which case, the provisions of Article 3.4.1 apply. The EDC may continue to leave the generating facility disconnected until the adverse system impact is corrected.
- 3.4.5 Modification of the DER facility The interconnection customer must receive written authorization from the EDC prior to making any change to the DER facility, other than a minor equipment modification. If the interconnection customer modifies its facility without the EDC's prior written authorization, the EDC has the right to disconnect the DER facility until such time as the EDC concludes the modification poses no threat to the safety or reliability of its electric distribution system.
- 3.4.6 The EDC's compliance with Article 3 shall preclude any claim for damages for any lost opportunity or other costs incurred by the interconnection customer as a result of an interruption of service under Article 3. Any dispute over whether the EDC complied with Article 3 shall be resolved in accordance with the dispute resolution mechanism set forth in Article 8.

Article 4. Cost Responsibility for Interconnection Facilities and Distribution Upgrades

4.1 Interconnection Facilities

4.1.1 The interconnection customer shall pay, or reimburse the EDC, as applicable, for the cost of the interconnection facilities itemized in Attachment 3. The EDC shall identify the additional interconnection facilities necessary to interconnect the DER facility with the EDC's electric distribution system, the cost of those facilities, and the time required to build and install those facilities, as well as an estimated date of completion of the building or installation of those facilities.

4.1.2 The interconnection customer is responsible for its expenses, including overheads, associated with owning, operating, maintaining, repairing, and replacing its interconnection equipment.

4.2 Distribution Upgrades

The EDC shall design, procure, construct, install, and own any distribution upgrades. The actual cost of the distribution upgrades, including overheads, shall be directly assigned to the interconnection customer whose distributed energy resources (DER) facility caused the need for the distribution upgrades.

Article 5. Billing, Payment, Milestones, and Financial Security

- 5.1 Billing and Payment Procedures and Final Accounting (Applies to supplemental reviews conducted under Level 2 or 3 review with EDC construction necessary for accommodating the DER facility, and Level 4 reviews)
 - 5.1.1 The EDC shall bill the interconnection customer for the design, engineering, construction, and procurement costs of EDC-provided interconnection facilities and distribution upgrades contemplated by this Agreement as set forth in Attachment 3. The billing shall occur on a monthly basis, or as otherwise agreed to between the Parties. The interconnection customer shall pay each bill within 30 calendar days after receipt, or as otherwise agreed to between the Parties.
 - Unless waived by the interconnection customer, within 90 calendar days after 5.1.2 completing the construction and installation of the EDC's interconnection facilities and distribution upgrades described in Attachments 2 and 3 to this Agreement, the EDC shall provide the interconnection customer with a final accounting report of any difference between (1) the actual cost incurred to complete the construction and installation of the EDC's interconnection facilities and distribution upgrades; and (2) the interconnection customer's previous deposit and aggregate payments to the EDC for the interconnection facilities and distribution upgrades. If the interconnection customer's cost responsibility exceeds its previous deposit and aggregate payments, the EDC shall invoice the interconnection customer for the amount due and the interconnection customer shall pay the EDC within 30 calendar days. If the interconnection customer's previous deposit and aggregate payments exceed its cost responsibility under this Agreement, the EDC shall refund to the interconnection customer an amount equal to the difference within 30 calendar days after the final accounting report. Upon request from the interconnection customer, if the difference between the budget estimate and the actual cost exceeds 20%, the EDC will provide a written explanation for the difference.

5.1.3 If a Party disputes any portion of its payment obligation pursuant to this Article 5, the Party shall pay in a timely manner all non-disputed portions of its invoice, and the disputed amount shall be resolved pursuant to the dispute resolution provisions contained in Article 8. A Party disputing a portion of an Article 5 payment shall not be considered to be in default of its obligations under this Article.

5.2 Interconnection Customer Deposit

Within 15 business days after signing and returning the interconnection agreement to the EDC, the interconnection customer shall provide the EDC with a deposit equal to 100% of the estimated, non-binding cost to procure, install, or construct any such facilities. However, when the estimated date of completion of the building or installation of facilities exceeds three months from the date of notification, pursuant to Article 4.1.1 of this Agreement, this deposit may be held in escrow by a mutually agreed-upon third-party, with any interest to inure to the benefit of the interconnection customer. To the extent that this interconnection agreement is terminated for any reason, the EDC shall return all deposits provided by the interconnection customer, less any actual costs incurred by the EDC.

Article 6. Assignment, Limitation on Damages, Indemnity, Force Majeure, and Default

6.1 Assignment

This Agreement may be assigned by either Party. If the interconnection customer attempts to assign this Agreement, the assignee must agree to the terms of this Agreement in writing and such writing must be provided to the EDC. Any attempted assignment that violates this Article is void and ineffective. Assignment shall not relieve a Party of its obligations, nor shall a Party's obligations be enlarged, in whole or in part, by reason of the assignment. An assignee is responsible for meeting the same obligations as the assignor.

- 6.1.1 Either Party may assign this Agreement without the consent of the other Party to any affiliate (including mergers, consolidations or transfers, or a sale of a substantial portion of the Party's assets, between the Party and another entity), of the assigning Party that has an equal or greater credit rating and the legal authority and operational ability to satisfy the obligations of the assigning Party under this Agreement.
- 6.1.2 The interconnection customer can assign this Agreement, without the consent of the EDC, for collateral security purposes to aid in providing financing for the DER facility.

6.2 Limitation on Damages

Except for cases of gross negligence or willful misconduct, the liability of any Party to this Agreement shall be limited to direct actual damages and reasonable attorney's fees,

and all other damages at law are waived. Under no circumstances, except for cases of gross negligence or willful misconduct, shall any Party or its directors, officers, employees and agents, or any of them, be liable to another Party, whether in tort, contract or other basis in law or equity for any special, indirect, punitive, exemplary or consequential damages, including lost profits, lost revenues, replacement power, cost of capital or replacement equipment. This limitation on damages shall not affect any Party's rights to obtain equitable relief, including specific performance, as otherwise provided in this Agreement. The provisions of this Article 6.2 shall survive the termination or expiration of the Agreement.

6.3 Indemnity

- 6.3.1 This provision protects each Party from liability incurred to third parties as a result of carrying out the provisions of this Agreement. Liability under this provision is exempt from the general limitations on liability found in Article 6.2.
- 6.3.2 The interconnection customer shall indemnify and defend the EDC and the EDC's directors, officers, employees, and agents, from all damages and expenses resulting from a third party claim arising out of or based upon the interconnection customer's (a) negligence or willful misconduct or (b) breach of this Agreement.
- 6.3.3 The EDC shall indemnify and defend the interconnection customer and the interconnection customer's directors, officers, employees, and agents from all damages and expenses resulting from a third party claim arising out of or based upon the EDC's (a) negligence or willful misconduct or (b) breach of this Agreement.
- 6.3.4 Within 5 business days after receipt by an indemnified Party of any claim or notice that an action or administrative or legal proceeding or investigation as to which the indemnity provided for in this Article may apply has commenced, the indemnified Party shall notify the indemnifying Party of such fact. The failure to notify, or a delay in notification, shall not affect a Party's indemnification obligation unless that failure or delay is materially prejudicial to the indemnifying Party.
- 6.3.5 If an indemnified Party is entitled to indemnification under this Article as a result of a claim by a third party, and the indemnifying Party fails, after notice and reasonable opportunity to proceed under this Article, to assume the defense of such claim, that indemnified Party may, at the expense of the indemnifying Party, contest, settle or consent to the entry of any judgment with respect to, or pay in full, the claim.

6.3.6 If an indemnifying Party is obligated to indemnify and hold any indemnified Party harmless under this Article, the amount owing to the indemnified person shall be the amount of the indemnified Party's actual loss, net of any insurance or other recovery.

6.4 Force Majeure

- 6.4.1 As used in this Article, a force majeure event shall mean any act of God, labor disturbance, act of the public enemy, war, acts of terrorism, insurrection, riot, fire, storm or flood, explosion, breakage or accident to machinery or equipment through no direct, indirect, or contributory act of a Party, any order, regulation or restriction imposed by governmental, military or lawfully established civilian authorities, or any other cause beyond a Party's control. A force majeure event does not include an act of gross negligence or intentional wrongdoing by the Party claiming force majeure.
- 6.4.2 If a force majeure event prevents a Party from fulfilling any obligations under this Agreement, the Party affected by the force majeure event ("Affected Party") shall notify the other Party of the existence of the force majeure event within one business day. The notification must specify the circumstances of the force majeure event, its expected duration, and the steps that the Affected Party is taking and will take to mitigate the effects of the event on its performance. If the initial notification is verbal, it must be followed up with a written notification within one business day. The Affected Party shall keep the other Party informed on a continuing basis of developments relating to the force majeure event until the event ends. The Affected Party may suspend or modify its obligations under this Agreement (other than the obligation to make payments) only to the extent that the effect of the force majeure event cannot be otherwise mitigated.

6.5 Default

- 6.5.1 No default shall exist when the failure to discharge an obligation (other than the payment of money) results from a force majeure event as defined in this Agreement, or the result of an act or omission of the other Party.
- 6.5.2 A Party shall be in default ("Default") of this Agreement if it fails in any material respect to comply with, observe or perform, or defaults in the performance of, any covenant or obligation under this Agreement and fails to cure the failure within 60 calendar days after receiving written notice from the other Party. Upon a default of this Agreement, the non-defaulting Party shall give written notice of the default to the defaulting Party. Except as provided in Article 6.5.3, the defaulting Party has 60 calendar days after receipt of the default notice to cure the default; provided, however, if the default cannot be cured within 60 calendar days, the defaulting Party shall commence the cure within 20 calendar days after original

- notice and complete the cure within six months from receipt of the default notice; and, if cured within that time, the default specified in the notice shall cease to exist.
- 6.5.3 If a Party has assigned this Agreement in a manner that is not specifically authorized by Article 6.1, fails to provide reasonable access pursuant to Article 2.3, and is in default of its obligations pursuant to Article 7, or if a Party is in default of its payment obligations pursuant to Article 5 of this Agreement, the defaulting Party has 30 days from receipt of the default notice to cure the default.
- 6.5.4 If a default is not cured as provided for in this Article, or if a default is not capable of being cured within the period provided for in this Article, the non-defaulting Party shall have the right to terminate this Agreement by written notice, and be relieved of any further obligation under this Agreement and, whether or not that Party terminates this Agreement, to recover from the defaulting Party all amounts due under this Agreement, plus all other damages and remedies to which it is entitled at law or in equity. The provisions of this Article shall survive termination of this Agreement.

Article 7. Insurance

For DER facilities with a nameplate capacity of 1 MVA or above, the interconnection customer shall carry sufficient insurance coverage so that the maximum comprehensive/general liability coverage that is continuously maintained by the interconnection customer during the term shall be not less than \$2,000,000 for each occurrence, and an aggregate, if any, of at least \$4,000,000. The EDC, its officers, employees and agents shall be added as an additional insured on this policy. The interconnection customer agrees to provide the EDC with at least 30 calendar days advance written notice of cancellation, reduction in limits, or non-renewal of any insurance policy required by this Article.

Article 8. Dispute Resolution

- 8.1 Parties shall attempt to resolve all disputes regarding interconnection as provided in this Article in a good faith manner.
- 8.2 If there is a dispute between the Parties about implementation or an interpretation of the Agreement, the aggrieved Party shall issue a written notice to the other Party to the Agreement that specifies the dispute and the Agreement articles that are disputed.
- 8.3 A meeting between the Parties shall be held within 10 days after receipt of the written notice. Persons with decision-making authority from each Party shall attend the meeting. If the dispute involves technical issues, persons with sufficient technical expertise and familiarity with the issue in dispute from each Party shall also attend the meeting. The meeting may be conducted by teleconference. The informal process between the parties

shall extend 30 days after the receipt of written notice, after which the dispute is deemed resolved and the timeframes for decisions within the interconnection process resume, unless one of the parties seeks resolution through non-binding arbitration procedures described in Article 8.4 or files a formal complaint at the Commission prior to the end of the 30-day period.

- 8.4 If the parties are unable to resolve the dispute through the process outlined in Article 8.3, either party may submit the interconnection dispute to an Ombudsman for non-binding arbitration. The party electing non-binding arbitration shall notify the other party of the request in writing. The non-binding arbitration process is limited to 60 days, absent mutual agreement of the parties and the Ombudsman to a longer period.
- 8.5 Each party shall bear its own fees, costs and expenses and an equal share of the expenses of the non-binding arbitration.
- 8.6 Within 10 days after the conclusion of the procedures in Article 8.4, either party may initiate a formal complaint with the Commission and ask for an expedited resolution of the dispute. If the complaint seeks expedited resolution, any written recommendation of the Ombudsman shall be appended to the complaint. The formal complaint shall proceed as a contested hearing pursuant to the Commission's Rules of Practice.
- 8.7 A party may, after good faith negotiations have failed, decline to pursue non-binding arbitration and instead initiate a formal complaint with the Commission. The formal complaint shall proceed as a contested hearing pursuant to the Commission's Rules of Practice.
- 8.8 Pursuit of dispute resolution may not affect an interconnection request or an interconnection applicant's position in the EDC's interconnection queue.
- 8.9 If the Parties fail to resolve their dispute under the dispute resolution provisions of this Article, nothing in this Article shall affect any Party's rights to obtain equitable relief, including specific performance, as otherwise provided in this Agreement.

Article 9. Miscellaneous

9.1 Governing Law, Regulatory Authority, and Rules

The validity, interpretation and enforcement of this Agreement and each of its provisions shall be governed by the laws of the State of Illinois, without regard to its conflicts of law principles. This Agreement is subject to all applicable laws and regulations. Each Party expressly reserves the right to seek change in, appeal, or otherwise contest any laws, orders or regulations of a governmental authority. The language in all parts of this Agreement shall in all cases be construed as a whole, according to its fair meaning, and not strictly for or against the EDC or interconnection customer, regardless of the involvement of either Party in drafting this Agreement.

9.2 Amendment

Modification of this Agreement shall be only by a written instrument duly executed by both Parties.

9.3 No Third-Party Beneficiaries

This Agreement is not intended to and does not create rights, remedies, or benefits of any character whatsoever in favor of any persons, corporations, associations, or entities other than the Parties, and the obligations in this Agreement assumed are solely for the use and benefit of the Parties, their successors in interest and, where permitted, their assigns.

9.4 Waiver

- 9.4.1 Except as otherwise provided in this Agreement, a Party's compliance with any obligation, covenant, agreement, or condition in this Agreement may be waived by the Party entitled to the benefits thereof only by a written instrument signed by the Party granting the waiver, but the waiver or failure to insist upon strict compliance with the obligation, covenant, agreement, or condition shall not operate as a waiver of, or estoppel with respect to, any subsequent or other failure.
- 9.4.2. Failure of any Party to enforce or insist upon compliance with any of the terms or conditions of this Agreement, or to give notice or declare this Agreement or the rights under this Agreement terminated, shall not constitute a waiver or relinquishment of any rights set out in this Agreement, but the same shall be and remain at all times in full force and effect, unless and only to the extent expressly set forth in a written document signed by that Party granting the waiver or relinquishing any such rights. Any waiver granted, or relinquishment of any right, by a Party shall not operate as a relinquishment of any other rights or a waiver of any other failure of the Party granted the waiver to comply with any obligation, covenant, agreement, or condition of this Agreement.

9.5 Entire Agreement

Except as provided in Article 9.1, this Agreement, including all attachments, constitutes the entire Agreement between the Parties with reference to the subject matter of this Agreement, and supersedes all prior and contemporaneous understandings or agreements, oral or written, between the Parties with respect to the subject matter of this Agreement. There are no other agreements, representations, warranties, or covenants that constitute any part of the consideration for, or any condition to, either Party's compliance with its obligations under this Agreement.

9.6 Multiple Counterparts

This Agreement may be executed in two or more counterparts, each of which is deemed an original, but all constitute one and the same instrument.

9.7 No Partnership

This Agreement shall not be interpreted or construed to create an association, joint venture, agency relationship, or partnership between the Parties, or to impose any partnership obligation or partnership liability upon either Party. Neither Party shall have any right, power or authority to enter into any agreement or undertaking for, or act on behalf of, or to act as or be an agent or representative of, or to otherwise bind, the other Party.

9.8 Severability

If any provision or portion of this Agreement shall for any reason be held or adjudged to be invalid or illegal or unenforceable by any court of competent jurisdiction or other governmental authority, (1) that portion or provision shall be deemed separate and independent, (2) the Parties shall negotiate in good faith to restore insofar as practicable the benefits to each Party that were affected by the ruling, and (3) the remainder of this Agreement shall remain in full force and effect.

9.9 Environmental Releases

Each Party shall notify the other Party of the release of any hazardous substances, any asbestos or lead abatement activities, or any type of remediation activities related to the DER facility or the interconnection facilities, each of which may reasonably be expected to affect the other Party. The notifying Party shall (1) provide the notice as soon as practicable, provided that Party makes a good faith effort to provide the notice no later than 24 hours after that Party becomes aware of the occurrence, and (2) promptly furnish to the other Party copies of any publicly available reports filed with any governmental authorities addressing such events.

9.10 Subcontractors

Nothing in this Agreement shall prevent a Party from using the services of any subcontractor it deems appropriate to perform its obligations under this Agreement; provided, however, that each Party shall require its subcontractors to comply with all applicable terms and conditions of this Agreement in providing services and each Party shall remain primarily liable to the other Party for the performance of the subcontractor.

- 9.10.1 A subcontract relationship does not relieve any Party of any of its obligations under this Agreement. The hiring Party remains responsible to the other Party for the acts or omissions of its subcontractor. Any applicable obligation imposed by this Agreement upon the hiring Party shall be equally binding upon, and shall be construed as having application to, any subcontractor of the hiring Party.
- 9.10.2 The obligations under this Article cannot be limited in any way by any limitation of subcontractor's insurance.

Article 10. Notices

10.1 General

Unless otherwise provided in this Agreement, any written notice, demand, or request required or authorized in connection with this Agreement ("Notice") shall be deemed properly given if delivered in person, delivered by recognized national courier service, or sent by first class mail, postage prepaid, to the person specified below:

If to Interconnection Customer:

Interconnection Customer: Montgomery IL Solar 1, LLC (c/o Summit Ridge Energy, LLC)					
Attention: Bridget Callahan or Midwest Development Team					
Address: 1000 Wilson Blvd, Suite 2400					
City: Arlington	State: VA	Zip: _	22209		
Phone: 317-443-2905 Fax:	E-Mail: bc	allahan@sr	energy.com		
If to EDC:					
EDC: Ameren Illinois Company					
Attention: Ameren Illinois Net Metering Coordinat	or				
Address: 10 Richard Mark Way – Mail Code 910					
City: Collinsville Sta	te: IL	Zip:	62234		
Phone: Fax: E	-Mail: Renewa	blesIllinois(@ameren.com		
Alternative Forms of Notice Any notice or request required or permitted to be given by either Party to the other Party and not required by this Agreement to be in writing may be given by telephone, facsimile or e-mail to the telephone numbers and e-mail addresses set out above. 10.2 Billing and Payment Billings and payments shall be sent to the addresses set out below:					
If to Interconnection Customer:					
Interconnection Customer: Montgomery IL Solar 1	, LLC				
Attention: Accounts Payable (PDF Invoices to accountspayable@srenergy.com)					
Address: 1000 Wilson Blvd, Suite 2400					
City: Arlignton	State: VA	Zip:	22209		

If to EDC:

EDC: Am	eren Illinois				
Attention:	Ameren Net Metering Coordinator				
Address:	10 Richard Mark Way – Mail Code 910				
City: Col	linsville	State:	IL	Zip:	62234
The F that n perso of the	gnated Operating Representative Parties may also designate operating representational parties of the administration of the administration of the point of contact with Party's facilities.	inistratic h respect	n of this	Agreemei	nt. This
	ction Customer's Operating Representat				
Attention:	Summit Ridge Energy c/o Asset Manager	nent Tea	m (admir	a@srenerg	gy.com)
Address:	1000 Wilson Blvd, Suite 2400				
City: Arlin	ngton	_ State:	VA	Zip:	22209
Attention:	Ameren Illinois Ameren Illinois Net Metering Coordinator 10 Richard Mark Way – Mail Code 910				
City: Coll		State:	II	Zip:	62234
10.4 Chan Eithe	ges to the Notice Information r Party may change this notice information be before the effective date of the change.				

Article 11. Signatures

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective duly authorized representatives.

For the Interconnection Customer: -

Name: Barrett LaChance Barrett LaU

Title: SVP, Development

Date: 4/9/2025

For EDC:

Name: Patrole E. Sut S

Title: SVP, Operations and Technical Services

Date: 4/22/2025

Attachment 1

Definitions

Adverse system impact – A negative effect that compromises the safety or reliability of the electric distribution system or materially affects the quality of electric service provided by the electric distribution company (EDC) to other customers.

Applicable laws and regulations – All duly promulgated applicable federal, State and local laws, regulations, rules, ordinances, codes, decrees, judgments, directives, or judicial or administrative orders, permits and other duly authorized actions of any governmental authority, having jurisdiction over the Parties.

Commissioning test – Tests applied to a distributed energy resources (DER) facility by the applicant after construction is completed to verify that the facility does not create adverse system impacts. At a minimum, the scope of the commissioning tests performed shall include the commissioning test specified IEEE Standard 1547 Section 5.4 "Commissioning tests."

Distributed Energy Resources (DER) facility – The equipment used by an interconnection customer to generate or store electricity that operates in parallel with the electric distribution system. A distributed generation facility typically includes an electric generator, prime mover, and the interconnection equipment required to safely interconnect with the electric distribution system or a local electric power system.

Distribution upgrades – A required addition or modification to the EDC's electric distribution system at or beyond the point of interconnection to accommodate the interconnection of a distributed energy resources (DER) facility. Distribution upgrades do not include interconnection facilities.

Electric distribution company or EDC – Any electric utility entity subject to the jurisdiction of the Illinois Commerce Commission.

Electric distribution system – The facilities and equipment used to transmit electricity to ultimate usage points such as homes and industries from interchanges with higher voltage transmission networks that transport bulk power over longer distances. The voltage levels at which electric distribution systems operate differ among areas but generally carry less than 100 kilovolts of electricity. Electric distribution system has the same meaning as the term Area EPS, as defined in 3.1.6.1 of IEEE Standard 1547.

Facilities study – An engineering study conducted by the EDC to determine the required modifications to the EDC's electric distribution system, including the cost and the time required to build and install the modifications, as necessary to accommodate an interconnection request.

Force majeure event – Any act of God, labor disturbance, act of the public enemy, war, acts of terrorism, insurrection, riot, fire, storm or flood, explosion, breakage or accident to machinery or equipment through no direct, indirect, or contributory act of a Party, any order, regulation or

restriction imposed by governmental, military or lawfully established civilian authorities, or any other cause beyond a Party's control. A force majeure event does not include an act of gross negligence or intentional wrongdoing.

Governmental authority – Any federal, State, local or other governmental regulatory or administrative agency, court, commission, department, board, other governmental subdivision, legislature, rulemaking board, tribunal, or other governmental authority having jurisdiction over the Parties, their respective facilities, or the respective services they provide, and exercising or entitled to exercise any administrative, executive, police, or taxing authority or power; provided, however, that this term does not include the interconnection customer, EDC or any affiliate of either.

IEEE Standard 1547 – The Institute of Electrical and Electronics Engineers, Inc. (IEEE), 3 Park Avenue, New York NY 10016-5997, Standard 1547 (2003), "Standard for Interconnecting Distributed Resources with Electric Power Systems."

IEEE Standard 1547.1 – The IEEE Standard 1547.1 (2005), "Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems."

Interconnection agreement or Agreement – The agreement between the interconnection customer and the EDC. The interconnection agreement governs the connection of the distributed energy resources (DER) facility to the EDC's electric distribution system and the ongoing operation of the distributed generation facility after it is connected to the EDC's electric distribution system.

Interconnection customer – The entity entering into this Agreement for the purpose of interconnecting a distributed energy resources (DER) facility to the EDC's electric distribution system.

Interconnection equipment – A group of components or an integrated system connecting an electric generator with a local electric power system or an electric distribution system that includes all interface equipment, including switchgear, protective devices, inverters or other interface devices. Interconnection equipment may be installed as part of an integrated equipment package that includes a generator or other electric source.

Interconnection facilities – Facilities and equipment required by the EDC to accommodate the interconnection of a distributed energy resources (DER) facility. Collectively, interconnection facilities include all facilities, and equipment between the distributed energy resources (DER) facility and the point of interconnection, including modification, additions, or upgrades that are necessary to physically and electrically interconnect the distributed energy resources (DER) facility to the electric distribution system. Interconnection facilities are sole use facilities and do not include distribution upgrades.

Interconnection request – An interconnection customer's request, on the required form, for the interconnection of a new distributed energy resources (DER) facility, or to increase the capacity or change the operating characteristics of an existing distributed energy resources (DER) facility that is interconnected with the EDC's electric distribution system.

Interconnection study – Any of the following studies, as determined to be appropriate by the EDC: the interconnection feasibility study, the interconnection system impact study, and the interconnection facilities study.

Illinois standard distributed energy resources interconnection rules — The most current version of the procedures for interconnecting distributed energy resources (DER) facilities adopted by the Illinois Commerce Commission. See 83 Ill. Adm. Code 466.

Parallel operation or Parallel – The state of operation that occurs when a distributed energy resources (DER) facility is connected electrically to the electric distribution system.

Point of interconnection – The point where the distributed energy resources (DER) facility is electrically connected to the electric distribution system. Point of interconnection has the same meaning as the term "point of common coupling" defined in 3.1.13 of IEEE Standard 1547.

Witness test – For lab-certified equipment, verification (either by an on-site observation or review of documents) by the EDC that the interconnection installation evaluation required by IEEE Standard 1547 Section 5.3 and the commissioning test required by IEEE Standard 1547 Section 5.4 have been adequately performed. For interconnection equipment that has not been lab-certified, the witness test shall also include verification by the EDC of the on-site design tests required by IEEE Standard 1547 Section 5.1 and verification by the EDC of production tests required by IEEE Standard 1547 Section 5.2. All tests verified by the EDC are to be performed in accordance with the test procedures specified by IEEE Standard 1547.1.

Attachment 2

Construction Schedule, Proposed Equipment & Settings

This attachment is to be completed by the interconnection customer and shall include the following:

- 1. The construction schedule for the distributed energy resources (DER) facility.
- 2. A one-line diagram indicating the distributed energy resources (DER) facility, interconnection equipment, interconnection facilities, metering equipment, and distribution upgrades.
- 3. Component specifications for equipment identified in the one-line diagram.
- 4. Component settings.
- 5. Proposed sequence of operations.
- 6. A three line diagram showing current potential circuits for protective relays.
- 7. Relay tripping and control schematic diagram.

DER-36686

Activity / Description	Montgomery Ellinger	Notes
Location	39.174800, -89.603500 Litchfield, IL	
Utility	Ameren	
Notice to Proceed (NTP)	7/31/2025	
Mobilization (full)	10/30/2025	
Target Mechanical Completion	5/23/2026	
Utility Ready to Energize (Utility Availability Date)	5/23/2026	
Permission to Operate (PTO)	7/30/2026	
Target Substantial Completion	9/10/2026	

Attachment 3

Description, Costs and Time Required to Build and Install the EDC's Interconnection Facilities

This attachment is to be completed by the EDC and shall include the following:

1. Required interconnection facilities, including any required metering.

Per the prior studies - EDC shall build the substation facilities as required to support the interconnection of the interconnection customer proposed facility up to the point of disconnect. The interconnection would consist of ITR, Primary metering, recloser, line reconductor, viper, ITN, and lightning arrestors. The interconnection customer would be responsible for construction to the point of disconnect. All costs shall be paid for and/or reimbursed by the interconnection customer pursuant to Article 5 of this agreement. The interconnection customer is required to construct all facilities which connect to EDC's facilities or otherwise interface with EDC's facilities, all as determined by EDC's final, detailed engineering, in accordance with EDC's published standards.

Additional required interconnection facilities and system upgrades may be identified while completing Detailed Engineering.

2. An estimate of itemized costs charged by the EDC for interconnection, including overheads, based on results from prior studies.

Montgomery – Ellinger: E Illinois Route 16 Litchfield, IL- 4990 KW

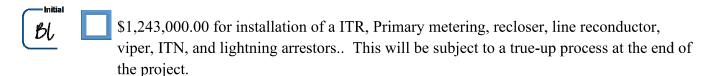
(PowerClerk DER-36686)

Queue Position:2

NOTE: THE COST ESTIMATE PROVIDED FOR YOUR PROJECT IN THE NEXT SECTION IS CONTINGENT UPON CONSTRUCTION COMPLETION OF ALL SYSTEM UPGRADES REQUIRED OF PROJECT(S) AHEAD OF YOUR PROJECT IN THE QUEUE THAT HAVE AN IMPACT ON THE CONNECTION OF YOUR PROJECT. SHOULD ANY ONE OR MORE OF SUCH PROJECTS WITHDRAW FOR ANY REASON, THE COSTS ASSOCIATED WITH YOUR PROJECT MAY CHANGE TO REFLECT THE COST IMPACT OF SYSTEM UPGRADES THAT NOW MAY BE

REQUIRED TO CONNECT YOUR PROJECT AS A RESULT OF THE WITHDRAWAL OF SUCH HIGHER QUEUED PROJECTS.

An estimate of itemized costs charged by the EDC for interconnection, including overheads.



Ameren Illinois reserves the right to revise this estimate prior to and during construction based on the requirements of Good Utility practices not foreseen at the time of the original estimate. The revisions to the estimate may include, but are not limited to, changes in the cost of materials and required labor.

Notwithstanding Section 5.2 of this Agreement, the Parties may agree to other forms of security in lieu of a cash deposit provided such other form of security is acceptable to the EDC.

3. An estimate for the time required to build and install the EDC's interconnection facilities based on results from prior studies and an estimate of the date upon which the facilities will be completed.

The final construction timeline will be developed during the scoping meeting which will be held with the applicant after the deposit is paid in full and will continue to be updated as the developer and Ameren Illinois work thru the construction process. That notwithstanding, it is anticipated that Ameren Illinois will initiate procurement activities immediately following the scoping meeting. Any revisions to the current scope of construction activities and their timeline will be provided immediately after that discussion. The requested in-service date is dependent on the availability of any long lead time equipment and weather impacts on construction activities.

Attachment 4

Operating Requirements for Distributed Energy Resources Facilities Operating in Parallel

The EDC shall list specific operating practices that apply to this distributed energy resources (DER) interconnection and the conditions under which each listed specific operating practice applies.

1. Customer shall meet requirements specified in Level 2 or 4 study.

Attachment 5

Monitoring and Control Requirements

This attachment is to be completed by the EDC and shall include the following:

- 1. The EDC's monitoring and control requirements must be specified, along with a reference to the EDC's written requirements documents from which these requirements are derived.
- 2. An internet link to the requirements documents.

https://www.ameren.com/service-manual

http://standards.ieee.org

Attachment 6

Metering Requirements

This attachment is to be completed by the EDC and shall include the following:

- 1. The metering requirements for the distributed generation facility.
 - The specific metering requirements and equipment will be specified as part of the Detailed Engineering.
- 2. Identification of the appropriate tariffs that establish these requirements.
- 3. An internet link to these tariffs.

Docusign Envelope ID: 8515F0AF-C5EB-4C2F-9CB6-3775CFBB4546

https://www.ameren.com/illinois/business/rates/

https://www.ameren.com/illinois/electric-choice/renewables

Attachment 7

As Built Documents

This attachment is to be completed by the interconnection customer and shall include the following:

When it returns the certificate of completion to the EDC, the interconnection customer shall provide the EDC with documents detailing the as-built status of the following:

- 1. A one-line diagram indicating the distributed generation facility, interconnection equipment, interconnection facilities, and metering equipment.
- 2. Component specifications for equipment identified in the one-line diagram.
- 3. Component settings.
- 4. Proposed sequence of operations.
- 5. A three-line diagram showing current potential circuits for protective relays.
- 6. Relay tripping and control schematic diagram.



EXHIBIT D - ENVIRONMENTAL STUDIES

Phase I Environmental Site Assessment

Montgomery - Ellinger Solar Phase I Environmental Site Assessment Report

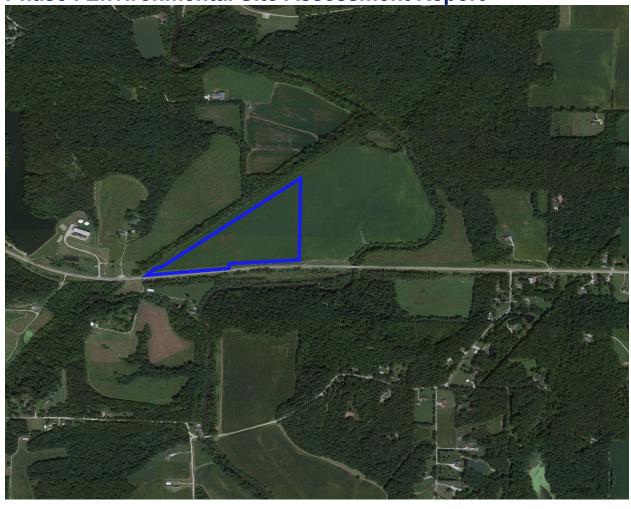


TABLE OF CONTENTS

1	Sur	mmary	3
2	Int	roduction	4
	2.1	Purpose	4
	2.2	Detailed Scope-of-Services	4
	2.3	Significant Assumptions	5
	2.4	Limitations and Exceptions	5
	2.5	Special Terms and Conditions	5
	2.6	User Reliance	5
3	Suk	bject Property Description	6
	3.1	Location and Legal Description	6
	3.2	Subject Property and Vicinity General Characteristics	6
	3.3	Current Use of the Property	6
	3.4	Descriptions of Structures, Roads, Other Improvements on the Subject Property	6
	3.5	Current Uses of the Adjoining Properties	6
4	Use	er Provided Information	6
5	Red	cords Review	7
	5.1	Standard Environmental Record Sources	7
	5.2	Additional Environmental Record Sources	7
	5.3	Physical Setting Source(s)	7
	5.3	3.a Topography	7
	5.3	3.b Geology	8
	5.3	c Groundwater	8
	5.3	d Soils	8
	5.4	Historical Use Information on the Property	8
	5.5	Historical Use Information on Adjoining Properties	8
6	Sub	bject property Reconnaissance	8
	6.1	Methodology and Limiting Conditions	8
	6.2	General Subject Property Setting	8
	6.3	Exterior Observations	9
	6.4	Interior Observations	9
7	Inte	erviews	9
	7.1	Interview with Owner	9

7	7.2	Intervi	ew with Subject Property Manager	9
7	7.3	Intervi	ews with Occupants	9
7	7.4	Intervi	ews with the Phase I Environmental Site Assessment User	9
8	Addi	tional	Services/Non Scope Considerations	9
9	Find	ings		9
10	Op	inion		9
11	Da	ta Gap	os	10
12	Co	nclusio	ons	10
13	De	viatio	ns	10
14	Re	ferenc	es	11
15	Sig	gnatur	e(s) and qualification(s) of Environmental Professional(s)	11
16	Ap	pendi	ces	12
1	6.1	Sub	ject Property Map	12
1	16.2	Sub	ject Property Photographs	13
1	16.3	Rec	ord Search Documentation	17
	16.3 etc.)	-	Historical Research Documentation (aerial photographs, historical topographic 17	al maps,
	16.3	.b	Regulatory Records Documentation:	17
	Land	l Acqui	sition Screening Worksheet 1: Records Search	17
1	6.4	Inte	rview Documentation	25
	Phas	e I Env	vironmental Site Assessment User Interview Questions	25
	Prop	erty O	wner Interview Questions	26
1	16.5	Sub	ject Property Reconnaissance Documentation	28
1	16.6	Spe	cial Contractual Conditions between User and Environmental Professional	28
1	16.7	Qua	lification(s) of the environmental professional(s)	29
	l6.8 AUL Re		ronmental Data Resources, Inc. Reports and AFX Research, LLC Environmental	

1 SUMMARY

EOR conducted a Phase I Environmental Site Assessment (PIESA) for the Montgomery - Ellinger Solar property in Montgomery County, Illinois (Appendix 16.1).

The subject property is currently in agricultural production. The subject property can be accessed from County Road 1200N on the south. The surrounding properties are a mix of agricultural fields, woodlots and residences. The Litchfield Water Works Plant and Litchfield Lake lie to the west of the subject property. Litchfield Illinois is approximately one mile west of the subject property.

A historical and environmental records search was conducted by Environmental Data Resources, Inc. (EDR) on June 11, 2024. No environmental records were found for the subject property. Four records were found for properties within the minimum search distances to the subject property defined in ASTM Standard E2247-23. None of these records represent a recognized environmental condition for the subject property.

A search of environmental liens and Activity and Use Limitations (AULs) was conducted by AFX Research, LLC on June 21, 2024. No environmental liens, AULs, lease instruments, or miscellaneous instruments were found for the subject property.

Leah Stromberg from EOR conducted a subject property reconnaissance on June 6, 2024. No recognized environmental conditions were observed on the subject property.

An interview was conducted with the property owner, Dustin Ellinger, on June 17, 2024. Mr. Ellinger indicated that the land has been used for agricultural production for several decades. He indicated that there has never been a building on the subject property. An interview was conducted on June 11, 2014, with the PIESA user, Bridget Callahan representing SRE Solar Origination 2 LLC. Both the owner and the representative of the end user indicated no recognized environmental conditions.

This PIESA included PFOA and PFOS as contaminants to be evaluated. At this time, the consensus among Phase I Environmental Site Assessment professionals is that the most likely manners in which PFOS could be introduced to an agricultural field would be through dumping of industrial waste, the application of bio-solids, or through the use of fire-suppression agents. Through interviews with the landowner and local municipal representatives, there was no indication that any of these took place at the subject property. Our conclusion is that there are no recognized environmental conditions, historical recognized environmental conditions, nor controlled recognized environmental conditions on the subject property.

Key PIESA Dates

PIESA Element	Date Completed
Environmental Records Report	June 11, 2024
Subject Property Visit	June 6, 2024
Landowner Interview	June 17, 2024
End User Interview	June 11, 2014
PIESA Expiration Date	December 3, 2024

2 INTRODUCTION

2.1 Purpose

The purpose of this Phase I Environmental Site Assessment (PIESA) was to evaluate the potential for and/or presence of recognized environmental conditions, historical recognized environmental conditions and controlled recognized environmental conditions associated with current or past property use.

Recognized environmental conditions (RECs) are defined as (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The term is not intended to include de minimis conditions which means "a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies".

Historical recognized environmental conditions (HRECs) are defined as a a previous release of hazardous substances or petroleum products that has been "addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the regulatory authority or authorities".

Controlled recognized environmental conditions (CRECs) are defined as "a recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

Perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) have been recently added to the list of contaminants being defined as Comprehensive Environmental Response Compensation and Liability Act (CERCLA, also known as Superfund) hazardous substances. This PIESA included an evaluation of PFOA and PFOS contamination on the subject property.

2.2 Detailed Scope-of-Services

This report was prepared to provide SRE Solar Origination 2 LLC with a professional opinion about potential recognized environmental conditions at the property. The report conforms to ASTM E2247-23, Standard Practice for Phase I Environmental Site Assessment. The standard requires several transects of the property to identify recognized environmental conditions such as stained soil and stressed vegetation.

The scope of services provided for this project consisted of:

 Collection, review, and evaluation of current and historical information from the following sources:

- Federal, State, Local, and Tribal records (EDR) to distances specified by ASTM E2247-23
- City Directories
- Illinois Well Index
- o Environmental Lien and AUL Report, AFX Research, LLC
- United States Geological Survey topographic maps
- Historic aerial photography
- County records including building department records, zoning/land use records, and property tax files
- Interviews of persons with knowledge of the property history (owner and user)
- A subject property reconnaissance and visual observation of the subject property and adjacent properties.
- Preparation of this report, which includes EOR's data, professional opinions, and recommendations.

2.3 Significant Assumptions

None.

2.4 Limitations and Exceptions

The scope of services for this PIESA did not include the collection or chemical analysis of soil, ground water, building material, or air samples.

2.5 Special Terms and Conditions

No special terms and conditions apply to this PIESA.

2.6 User Reliance

The following parties have the right to rely upon the information contained in this report:

• SRE Solar Origination 2 LLC

No other party may rely on this report without EOR's express written consent. According to ASTM E2247-23 standards, this report is valid for 180 days from the earliest of assessment elements shown in the following table.

PIESA Element	Date Completed
Environmental Records Report	June 11, 2024
Subject Property Visit	June 6, 2024
Landowner Interview	June 17, 2024
End User Interview	June 11, 2014
PIESA Expiration Date	December 3, 2024

3 SUBJECT PROPERTY DESCRIPTION

3.1 Location and Legal Description

The subject property is located east of Litchfield, Illinois on the north side of County Road 1200 N / Highway 16 Ewbanks Road, west of Litchfield Quarry Road. (Appendix 16.1). The legal description is S ½ Section 11, T1S, R8W. The property identification numbers are Montgomery County 10-36-300-013 & 15-02-200-029.

3.2 Subject Property and Vicinity General Characteristics

The subject property is currently in agricultural production. The surrounding areas are a mix of agricultural fields, woodlots and residences.

The subject property topography slopes to the southeast toward Shoal Creek.

There are no wells on the property. A water well test hole is mapped to the subject property. The record relates to a 26 foot test hole drilled in 1958.

3.3 Current Use of the Property

The subject property is currently in agricultural production.

3.4 Descriptions of Structures, Roads, Other Improvements on the Subject Property

There are no structures, roads, or other improvements on the subject property.

3.5 Current Uses of the Adjoining Properties

Land use on adjoining properties consist of the following:

- North: Agricultural fields and woodlands
- East: Agricultural fields
- South: Woodlands and residences
- West: Agricultural fields and Litchfield water treatment

4 USER PROVIDED INFORMATION

Bridget Callahan representing SRE Solar Origination 2 LLC, was identified as the user of the PIESA. Bridget was interviewed about the subject property. Interview questions and Ms. Callahan's responses are included in Appendix 16.4. No title records were provided.

5 RECORDS REVIEW

5.1 Standard Environmental Record Sources

EOR contracted Environmental Data Resources, Inc. (EDR) to conduct a search of environmental database records. The resulting Radius Report and other documentation are attached. Table 1 lists the environmental records found within the minimum search distances to the subject property defined in ASTM Standard E2247-23. None of these sites represents a recognized environmental condition, historical recognized environmental condition, nor a controlled recognized environmental condition for the subject property. None of the records in Table 1 indicate a release to the environment, a condition indicative of a release to the environment, or a condition that poses a material threat of a future release to the environment of any hazardous substances or petroleum products.

Table 1. Environmental Records within Minimum Search Distances of the Subject Property

Site Name	Description	Distance & Direction	Recognized environmental condition?
Mayor and Council	Municipal Impoundment	670 ft. W	No
Litchfield -Hillsboro Landfill	Waste Management Facility – Landfill	917 ft. WSW	No
Envotech Illinois, LLC	Waste Management Facility	1,028 ft. WSW	No
Bishop Landfill	Waste Management Facility – Landfill	2,993 ft. WSW	No

5.2 Additional Environmental Record Sources

EOR contracted AFX Research, LCC to conduct a search of environmental liens and Activity and Use Limitations (AULs) on the subject property. AFX reviewed county, state, federal and judicial records and found no environmental liens, AULs, lease instruments, or miscellaneous instruments for the subject property.

No additional environmental records were reviewed in preparing this report. No prior Phase 1 Environmental Site Assessments have been conducted on the subject property to our knowledge.

5.3 Physical Setting Source(s)

5.3.a Topography

The subject property is located within a fairly flat area. Subject property drainage is to the southeast toward Shoal Creek. The subject property elevation is approximately 570 feet above mean sea level.

5.3.b Geology

The underlying geology below the subject property, according to a nearby engineering test pit, consists of silty clay loam and sandy loam to a depth of 25 feet. A layer of course sand with decayed wood at approximately 26 feet overlays sand a gravel to 33 feet at which point, shale and argic limestone are found (IGS, 2005).

5.3.c Groundwater

The depth to groundwater in a nearby well is approximately 20 feet (IGS, 2024). The groundwater flow is to the southeast.

5.3.d Soils

Soils found on the subject property are (USDA, 2024):

- Holton, somewhat poorly drained silt loam
- Lawson, somewhat poorly drained silt loam

5.4 Historical Use Information on the Property

Historic aerial photographs were obtained for several years dating back to 1938. The photographs show that the property has been used for agricultural production since at least 1938 through the present.

USGS topographic maps of the subject property from 1915, 1944, 1974, 1998, 2012, 2015, 2018, and 2021 were reviewed (Appendix 16.8). No buildings or significant topographic changes are depicted in the topographic maps.

5.5 Historical Use Information on Adjoining Properties

Historical use and changes over time were observed on the aerial photographs cited above. The adjoining properties experienced little to no visible change that would indicate environmental impacts to the subject property.

6 SUBJECT PROPERTY RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Leah Stromberg from EOR visited the subject property on June 6, 2024. Subject property photographs are included in Appendix 16.2, and observations are recorded in Appendix 16.5. EOR performed the subject property reconnaissance by walking the perimeter of the subject property as well as transects through the center. Refer to Appendix 16.2 for subject property photographs.

6.2 General Subject Property Setting

The subject property is located within area of agricultural fields and wooded residential land use. The Litchfield water treatment plant is to the west. Highway 16 / County Road 1200 N lies to the south.

6.3 Exterior Observations

The subject property is currently in agricultural production. Refer to Appendix 16.2 for photographs of the subject property.

6.4 Interior Observations

There are no structures on the subject property.

7 INTERVIEWS

7.1 Interview with Owner

The subject property is owned by Dustin Ellinger. An interview was conducted with Dustin Ellinger on June 17, 2024. Interview transcripts are included in Appendix 16.4. Mr. Ellinger indicated that there are no recognized environmental conditions on the subject property.

7.2 Interview with Subject Property Manager

There is no subject property Manager.

7.3 Interviews with Occupants

There are no occupants.

7.4 Interviews with the Phase I Environmental Site Assessment User

An interview with Bridget Callahan representing SRE Solar Origination 2 LLC, was conducted on June 11, 2014. Interview questions and answers were exchanged via email and are included in Appendix 16.4. No recognized environmental conditions were indicated.

8 ADDITIONAL SERVICES/NON SCOPE CONSIDERATIONS

None.

9 FINDINGS

There were no recognized environmental conditions, historical recognized environmental conditions, nor controlled recognized environmental conditions tied to the property.

10 OPINION

I offer the following opinion as to whether the all appropriate inquiry conducted in accordance with 40 CFR Part 312 and/or 33 CFR 137 has identified conditions indicative of releases or threatened releases of hazardous substances, pollutants, contaminants, petroleum and petroleum products, and controlled substances on, at, in, or to the subject property.

It is my opinion that the all appropriate inquiry conducted has not identified conditions indicative of:

- The presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment;
- The likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or
- The presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment

Furthermore, it is my opinion that no additional investigation is appropriate.

11 DATA GAPS

I am identifying the following data gaps (as defined in 40 CFR Part 312.10) in the information developed as part of the all appropriate inquiry that affects my ability as an environmental professional to identify conditions indicative of releases or threatened releases of hazardous substances, pollutants, contaminants, petroleum and petroleum products, and controlled substances on, at, in, or to the subject property. I am also including comments regarding the significance of said data gaps on my ability as an environmental professional to provide an opinion as to whether the all appropriate inquiry has identified conditions indicative of releases and threatened releases.

No significant data gaps were identified which would alter the findings, opinions, or recommendations of the report.

12 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E2247-23 of the Montgomery - Ellinger Solar Site, the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed no recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps in connection with the subject property.

13 DEVIATIONS

None

14 REFERENCES

Illinois Geological Survey, 2005. Bedrock Geology of Illinois. Illinois Map 14. Available online at https://isgs.illinois.edu/sites/isgs/files/maps/statewide/imap14-front.pdf.

Illinois Geological Survey, 2024. Illinois Water Well (ILWATER) Interactive Map. Available online at http://maps.isgs.illinois.edu/ILWATER/

US Department of Agriculture (USDA), 2024. Web Soil Survey. Available online at https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx

15 SIGNATURE(S) AND QUALIFICATION(S) OF ENVIRONMENTAL PROFESSIONAL(S)

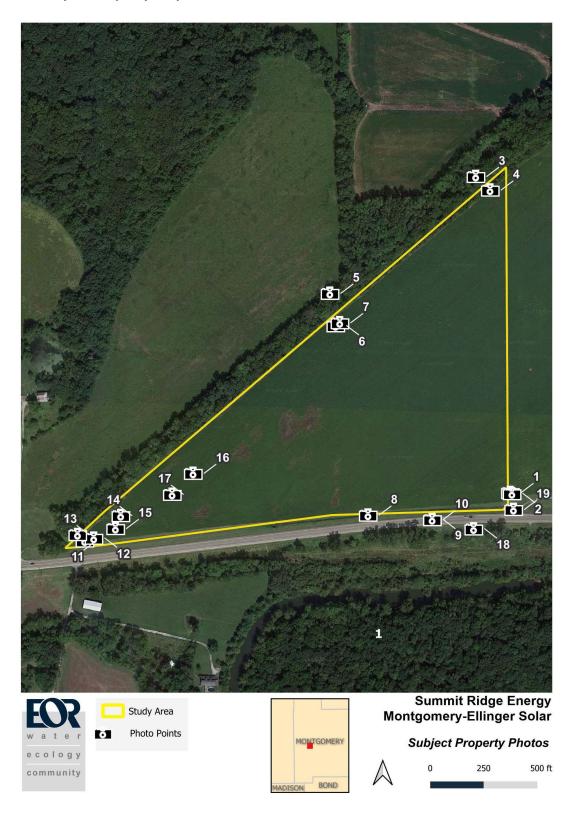
I declare that, to the best of my professional knowledge and belief, I meet the definition of an environmental professional. I declare that, to the best of my professional knowledge, I meet the requirements under 33 CFR 137.25 for an environmental professional. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Stuart Grubb

Qualifications are detailed in Appendix 16.7

16 APPENDICES

16.1 Subject Property Map



16.2 Subject Property Photographs



Photo 1: Southeast corner facing west along subject property southern boundary



Photo 3: Northeast corner facing southwest across subject property



Photo 5: Northwest boundary facing west



Photo 2: Southeast corner facing northwest across subject property



Photo 4: Northeast corner facing west across subject property northwestern boundary



Photo 6: Northwest boundary facing northwest



Photo 7: Northwest boundary facing south across subject property



Photo 9: South boundary facing west



Photo 11: Southwest corner facing northwest



Photo 8: South boundary facing south



Photo 10: South boundary facing west



Photo 12: Southwest corner facing north



Photo 13: Southwest corner facing southwest



Photo 15: Near southwest corner facing southwest



Photo 17: Near southwest corner facing southwest



Photo 14: Southwest corner facing north

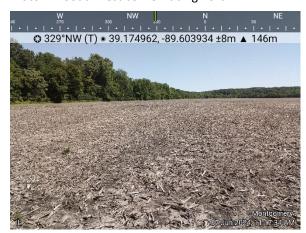


Photo 16: Near southwest corner boundary facing northwest

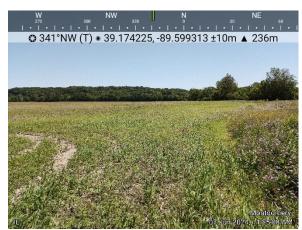


Photo 18: Southeast corner facing north



Photo 19: Southeast corner facing west

16.3 Record Search Documentation

16.3.a Historical Research Documentation (aerial photographs, historical topographical maps, etc.)

See the attached Radius Report from EDR, Inc.

16.3.b Regulatory Records Documentation:

See the attached Radius Report from EDR, Inc.

Land Acquisition Screening Worksheet 1: Records Search

I. Gathering Existing Records.

- 1. The All Appropriate Inquiry Regulations (AAI) require a review of historical sources to determine previous uses and occupancies of the real property since the property was first developed using sources such as those listed below. If "not available" explain in Question #3. Historical documents and records reviewed must cover a period of time as far back in the history of the subject property as it can be shown that the property contained structures or from the time the property was first used for residential, agricultural, commercial, industrial, or governmental purposes. (40 CFR 312.24(b); 33 CFR 137.50 (b))
 - a. Site Description (address, map, property boundaries, contact information) Not Available □ Attached ☒
 b. Chain of Title Documents (i.e., deeds, deed restrictions, liens, institutional and/or engineering controls, and other documentation of ownership)
 Not Available ☒ Attached □
 c. Aerial Photographs Not Available □ Attached ☒
 d. Building Department Records Not Available ☒ Attached □
 e. Land Use Records Not Available ☒ Attached □
 f. Sanborn Fire Insurance Maps Not Available □ Attached ☒
 - g. Topographic Maps Not Available □ Attached ☒
 h. Local Fire Department Records Not Available ☒ Attached □
 - i. Easements Not Available ⊠ Attached □
 - j. Leases (attach copies of contract(s)) Not Available ⊠ Attached □
 - k. Concessions (attach copies of contract(s)) Not Available ⊠ Attached □

 - m. Oil Records Not Available ⊠ Attached □

 - o. Other Mineral Records Not Available

 ✓ Attached

 ✓
 - p. Waste Water Permits Not Available ⊠ Attached □
 - q. Lead Based Paint Survey Records Not Available ⊠ Attached □
 - r. Asbestos Survey Records Not Available

 ✓ Attached

 ☐
 - s. Polychlorinated Biphenyls (PCBs) Survey Records Not Available ⊠ Attached □
 - t. Drinking Water Systems Not Available

 ✓ Attached

 ✓

2.	proper in Que	Al rule requires a review of Federal, State, Tribal and local government records. Is the ty listed under any of the categories below? If yes, attach documentation. If no, explain stion #3. Many of these databases may be queried through EPA's Environfacts website at www.epa.gov/enviro/
	a.	CERCLA Information System (CERCLIS) or Docket List No $oxdit{\boxtimes}$ Attached $oxdit{\Box}$
	b.	Critical Habitat No ⊠ Attached □
	c.	DOT Hazardous Materials Information Reporting System (HMIRS) No ☒ Attached ☐
	d.	EPA Aerometric Information Retrieval System (AIRS) No ☑ Attached ☐
	e.	EPA Emergency Response Notification System (ERNS) Database No ☒ Attached ☐
	f.	EPA FIFRA/TSCA Tracking System (FTTS) No ⊠ Attached □
	g.	EPA National Priorities List (NPL) No ⊠ Attached □
	h.	EPA No Further Remedial Action Planned (NFRAP) Database No $oxtimes$ Attached $oxtimes$
	i.	EPA NPDES No ☑ Attached □
	j.	EPA PCB Activity Database (PADs) No ⊠ Attached □
	k.	EPA PCB Transformer Registration Database No $oximes$ Attached $oximes$
	I.	EPA Permit Compliance System (PCS) No $oxtimes$ Attached $oxtimes$
	m.	EPA RCRA Corrective Action Report (CORRACTS) Database No $oxtimes$ Attached $oxtimes$
	n.	EPA RCRA Information System (RCRIS) Database No $oxtimes$ Attached $oxtimes$
	Ο.	EPA Safe Drinking Water Information System (SDWIS) No $oxtimes$ Attached $oxtimes$
		EPA Toxics Release Inventory (TRI) Database No $oximes$ Attached $oximes$
	q.	EPA or State Resource Conservation and Recovery Act (RCRA), treatment, storage, or
		disposal (TSD) facility No ⊠ Attached □
	r.	Federal Emergency Management Agency (FEMA) Flood Map No ⊠ Attached □
	S.	Federal, State, Tribal Permitted and Closed Solid Waste Landfill or Management
		Facilities No ⊠ Attached □
	t.	Local Zoning and Land Use Records No ☑ Attached ☐ State environmental agency equivalent of an NPL site or a CERCLIS site
	u.	No ⊠ Attached □
	٧.	State Leaking Underground Storage Tanks (LUSTs) No ☑ Attached ☐
		State Registered Aboveground Storage Tanks (ASTs) No ⊠ Attached □
	х.	State Registered Underground Storage Tanks (USTs) No ☑ Attached ☐
	у.	State, Local, Tribal Environmental Liens, Deeds, and Land Use Restriction Records No 🗵
	,.	Attached □
	z.	State Local, Tribal Hazardous Materials Management Records (e.g., Business Plan,
		Contingency Plan.) No ⊠ Attached □
	aa.	Oil, gas or other mineral records No ⊠ Attached □
		. Waste Water Systems No ⊠ Attached □
	cc.	Wetlands Inventory No ⊠ Attached □
3.	inform	information sources were used in attempts to find records that could not be found? List ation sources, locations where they are found and date the source was used.
	EOK CO	ntracted with EDR, Inc. The EDR Radius Report is attached.

4. Any other relevant records provided by owner(s) or others? No \boxtimes Attached \square List:

Interviews were conducted with the property owner and the user of the PIESA. Transcripts of the interviews are attached.

II. Records Review (Subject Property).

The purpose of the records review is to obtain and review records and to help SRE Solar Origination 2 LLC identify conditions indicative of releases and threatened releases of hazardous substances on, at, or in the subject property.

A. Property Use(s)

1. Is there any information in the chain of title that indicates commercial or industrial use of the property? If yes, describe current and previous property use(s) and provide information sources such as Title insurance company, abstract company, and County deed records.

Yes □ No ⊠

2. Are there other records indicating commercial or industrial activities on the property? Examples of such activities include warehouses, vehicle maintenance, mixing, handling, or disposal of chemicals, paints, pesticides (e.g., insecticides, herbicides, and fungicides), petroleum products or wastes. If yes, describe site activities and document and provide information sources such as records, aerial photographs, and maps. Identify the location(s) on the property where the activities occurred and the timeframe when they occurred.

Yes □ No ⊠

3. Are there records indicating current or previous agricultural use? Examples of such use include pesticide use, drainage history, surface or subsurface drains, livestock, nurseries, crops, and livestock dip tanks. If yes, describe the agricultural use and identify when the use occurred and where on the property. Provide information sources such as records, aerial photographs, and maps.

Yes ⊠ No □

The property has been used for agricultural production since at least 1938.

4. Have there been any special use permits, leases, Plans of Operation, or concessionaire contracts associated with the property. Examples of such activities and uses include rights-of-way, easements, mining, landfills, solid waste transfer facilities, log transfer facilities, small arms ranges, silviculture, lodges, resorts, and campgrounds. If yes, describe the permitted activities and provide information sources such as permits, records, aerial photographs, and maps. Yes □ No ⊠

B. Hazardous Substances

1. Are there records, such as State and EPA hazardous site lists, of the storage, release, or disposal of hazardous substances or petroleum products on the property? If yes, attach a list describing the type(s), quantities involved, approximate locations and dates.

Yes □ No ⊠
2. Has anyone ever done an environmental investigation of the property? Yes □ No ☒ Unknown □ (If yes, answer the following questions.) Indicated the release of hazardous substances, petroleum products, or other potential environmental problems on the property? If yes, describe the nature and location(s) of the release and the quantities and types of hazardous substances. Yes □ No ☒ Not Applicable □
Recommended further assessment of the property? If yes, explain and provide the information sources such as State hazardous site lists or acquisition files). Yes \square No \boxtimes Not Applicable \square
 If an environmental investigation identified contamination of the property, is there information indicating that response actions have remained uninitiated or been ineffective in reducing or eliminating the contamination? Explain and provide information sources such as State hazardous site data). Yes □ No □ Not Applicable ☒
If yes, has any response action been taken? Describe the response actions taken, who did them, and what lead regulatory agency oversaw the response action.
If no, is there a cost estimate for the response actions? If a cost estimate has been provided, indicate the source of the estimate.
Has remediation been completed? If yes, indicate if a no-further action (NFA) determination has been issued by the lead regulatory agency. Also indicate if contamination still remains. Provide supporting documentation.
If remediation is completed, are there any institutional controls/land use restrictions in place or long term monitoring and maintenance requirements? If yes, describe and provide supporting documentation including costs and durations for monitoring and operations and maintenance

4. If acquiring land from a Federal agency, has the disposing agency notified SRE Solar Origination
2 LLC of the past or current presence of any hazardous substance, used and stored, at the

property? If yes, describe the location(s), types, and quantities of the hazardous substances and the timeframes for use and storage. Provide supporting documentation. Yes \square No \square Not

Applicable ⊠

5. If acquiring land from a Federal agency, has the disposing agency notified SRE Solar Origination 2 LLC of the past or current presence of any hazardous substance release or disposal at the property? If yes, describe the date, location(s), types, and qualities of the hazardous substances release and/or disposal. Provide supporting documentation. Yes □ No □ Not Applicable ☒

6. Are there any records that indicate the past or present existence of transformers, capacitors, or hydraulic equipment containing Polychlorinated Biphenyls (PCBs); use, storage or disposal of PCB-containing equipment; or contaminated soils? If yes, indicate date of manufacture, size,

	location(s), and owner and provide information sources (e.g., EPA PCB Activity Database, local electric utility). Yes \square No \boxtimes
C. Wat	er and Wastewater
1.	Are there any records indicating operating or abandoned water wells on the property? If yes, indicate locations, constructed dates, well construction details, and capacities. If any well was abandoned, indicate if it was abandoned according to applicable regulatory standards? Provide abandonment date and information sources such as State water well registry.
Yes □	No □ Not Applicable ⊠
2.	Are there any records indicating the presence of a drinking water system on the property? If yes, describe the location, size, and age of the water system. Yes \square No \boxtimes
anyone contan and an and wa	property is served by an on-site water supply well, are there any records indicating whether has ever identified contamination in the well? If yes, identify the contaminants, timeframe when hination was detected, and contaminant levels. Also, indicate the source of the contamination y mitigation measure implemented. Provide information sources such as State water well registry after quality data). No \square Not Applicable \boxtimes
3. Yes □	Are there any records indicating the presence of an on-site waste water disposal system, including septic systems? If yes, describe the system and provide age and location. Provide information sources No No No No No No No No
D. C	audian as and Dannata
Attach	documentation if information is found. If information is not found, list information sources that hecked, include the location, contact name and telephone number.
1.	Are there any permits or plans related to activities such as air or water discharges; mining; oil or gas exploration or development; hazardous substance use or storage; or solid or hazardous waste treatment, storage, or disposal? If yes, describe the location(s), types of discharges and materials, and timeframe of activities. Identify information sources. Yes \square No \boxtimes
2.	Have there been any compliance or environmental notices issued? If yes, explain and provide information sources such as State hazardous substances office or EPA Region). Yes \square No \boxtimes
3.	Is there any information indicating recurrent violations of environmental laws with respect to the property and current and past on-site operations and activities? If yes, describe the violations and when they occurred and provide sources. Yes \square No \boxtimes
4.	Is there any information indicating an environmental lien against the property? If yes, describe the lien and its effect on property use and provide information sources (e.g., County deed records and court judgments). Yes □ No ☒

- 5. Is there evidence of any past, threatened, or pending lawsuits, administrative or judicial proceedings, consent agreements or related actions concerning a release or threatened release of any hazardous substance or petroleum product involving the property by any current or previous owner or occupant of the property? If yes, explain and provide sources. Yes□ No⊠
- 6. Have there ever been any registered or unregistered storage tanks (above or underground) on the property, particularly for storage of hazardous substances or petroleum products? If yes, describe and list location(s), material stored, installation date, removal date, and Federal and State identification numbers and provide information sources (e.g., State UST and LUST records, aerial photographs, and maps). Yes □ No ☒ Unknown □
- 7. Have there ever been any registered or unregistered non-water supply wells (e.g., underground injection, monitoring, oil and gas)? Yes □ No ☒ Unknown □

E. Other

- 1. Have there been any public complaints about the property regarding dumping, burning, or odors? If yes, explain and provide information sources (e.g., State hazardous substance sites list.) If no, list resources that were checked, including the location, contact name, and telephone number. Yes □ No ⊠
- 2. Are there any other records or historical uses that might indicate existing or potential environmental problems on the property? If yes, explain and identify information sources. If no, list resources that were checked, including the location, contact name, and telephone number. Yes □ No ☒

III. Subject Property Chronology

Develop subject property chronology of subject property uses and activities, including construction date and upgrades. Attach additional sheets, as needed. 40 CFR 312.24 requires review of historical records as far back in time as the property was first used for residential, agricultural, commercial, industrial, or governmental purposes.

The property has been used for agricultural production since at least 1938. Since that time, there has never been a building constructed on the subject property.

Name, title and signature of person conducting records review:

Stuart Grubb

Date(s) of Searches: June 11, 2024

IV. Records Review (Adjacent and Surrounding Properties)

1.		alle requires a review of Federal, State, and local government records. Is the adjacent sted under any of the categories below? If yes, attach documentation.
	a. b. c. d. e. f. g. h. i. j. k. l. m. o.	CERCLA Information System (CERCLIS) or Docket List No ☒ Attached ☐ DOT Hazardous Materials Information Reporting System (HMIRS) No ☒ Attached ☐ EPA Aerometric Information Retrieval System (AIRS) No ☒ Attached ☐ EPA Emergency Response Notification System (ERNS) Database No ☒ Attached ☐ EPA FIFRA/TSCA Tracking System (FTTS) No ☒ Attached ☐ EPA National Priorities List (NPL) No ☒ Attached ☐ EPA No Further Remedial Action Planned (NFRAP) Database No ☒ Attached ☐ EPA NPDES No ☒ Attached ☐ EPA PCB Activity Database (PADs) No ☒ Attached ☐ EPA RCRA Corrective Action Report (CORRACTS) Database No ☒ Attached ☐
	•	Facilities No ⊠ Attached ☐ State environmental agency equivalent of an NPL site or a CERCLIS site No ⊠ Attached ☐
	V.	Federal, State, Tribal Leaking Underground Storage Tanks (LUSTs) No ☐ Attached ☒ Federal, State, Tribal Leaking Aboveground Storage Tanks (LASTs) No ☐ Attached ☒ State Registered Aboveground Storage Tanks (ASTs) No ☒ Attached ☐ State Registered Underground Storage Tanks (USTs) No ☒ Attached ☐ State, Local, Tribal Environmental Liens, Deeds, and Land Use Restriction Records No ☒ Attached ☐ State Local, Tribal Hazardous Materials Management Records (e.g., Business Plan, Contingency Plan.) No ☒ Attached ☐
2. The AAI rule requires a review of Federal, State, and local government records of the surrough properties and specifies a minimum search distance on some records. Are the surrough properties listed under any of the categories below within the specified search radius? If yes documentation. If no, explain in Question #3. Minimum search distances are listed as distance miles (search distance kilometers) following the name of the record source. a. Federal NPL Site Database 1.0 (1.6) No ☒ Attached ☐		and specifies a minimum search distance on some records. Are the surrounding listed under any of the categories below within the specified search radius? If yes, attach ation. If no, explain in Question #3. Minimum search distances are listed as search liles (search distance kilometers) following the name of the record source.
	b. c. d.	

		No ☑ Attached □			
	e.	EPA RCRA CORRACTS Facilities List 1.0 (1.6) No ⊠ Attached □			
	f.	Registries or Publicly Available Lists of Engineering Controls 0.5 (0.8)			
		No ☑ Attached □			
	g.	Federal, State, Tribal Permitted and Closed Solid Waste Landfill or Management			
		Facilities 0.5 (0.8) No $oxtimes$ Attached $oxtimes$			
	h.	Federally or State-Registered, or State-Permitted, Hazardous Waste Sites Identified for			
		Investigation or Remediation 0.5 (0.8) No $oxtimes$ Attached $oxtimes$			
		i. EPA RCRA non-CORRACTS TSD Facilities List 0.5 (0.8) No $oxtimes$ Attached $oxtimes$			
		ii. State- and Tribal-equivalent CERCLIS 0.5 (0.8) No $oxtimes$ Attached $oxtimes$			
		iii. EPA CERCLIS List 0.5 (0.8) No $oxtimes$ Attached $oxtimes$			
		iv. Federal, State, Tribal LUST Sites 0.5 (0.8) No $oxtimes$ Attached $oxtimes$			
		v. Federal, State, Tribal LAST Sites 0.5 (0.8) No $oxtimes$ Attached $oxtimes$			
		vi. State and Tribal Voluntary Cleanup Sites 0.5 (0.8) No $oxtimes$ Attached $oxtimes$			
		vii. State and Tribal Brownfield Sites 0.5 (0.8) No ⊠ Attached □			
		viii. Other State, Local, Tribal Ascertainable Records provided by EDR (variable			
		search distance) No □ Attached ⊠			
3.	3. What information sources were used in attempts to find records that could not be found? List information sources, locations where they are found and date the source was used. EOR contracted with EDR, Inc. to conduct the search. The search and other inquiries were made				
	on Jur	ne 11, 2024.			
4.	Any other	relevant records provided by owner(s) or others? No \boxtimes Attached \square			
5.	On the basis of a review of available records, is there any indication of the release or threatened release of hazardous substances at/on adjacent and nearby properties? Properties considered to be "nearby" may vary depending on the area's geology and topography and the nature of the threat. If yes, describe the release or threatened release and provide the location(s) and relative distance to the property, indicate whether it is up stream or up gradient of the property, identify the types and quantities of hazardous substances, and dates. Provide information sources (e.g., local fire department and environmental data base search services). Yes \square No \boxtimes				
the	regulatory	release or threatened release been mitigated? If yes, describe the mitigation and identify agency that oversaw the mitigation measures and provide the sources of the information. ot Applicable \boxtimes			
or i	may pose a sources of	cent or nearby properties have contamination residual contamination that poses a threat future threat to the property? If yes, describe the threat or potential threat and provide the information. Lot Applicable \boxtimes			
6.	Are there	other nearby land uses or activities, especially upstream or up-gradient that might have			

had a legal or illegal waste or dump site? For example, are there upstream or up-gradient active or abandoned mine sites that may adversely affect the property? Properties considered to be "nearby"

may vary depending on the area's geology and topography and the nature of the threat. If yes, describe the land use or activity, distance to the property, and potential threat. Provide the information sources. Yes \square No \boxtimes

Name, title, and signature of person conducting records review:

Stuart Grubb

Date(s) of Searches: June 11, 2024

16.4 Interview Documentation

EOR interviewed the user of this PIESA and the current owner of the property.

Phase I Environmental Site Assessment User Interview Questions

Name: Bridget Callahan representing SRE Solar Origination 2 LLC

Property: Montgomery - Ellinger Solar

Date: June 11, 2014
Interview Location: By email

What are the name, title and phone number of the current owner and/or the owner's representative?

Subject Property	Owner	Owner Contact
Montgomery - Ellinger	Dustin Ellinger	Dustine82@gmail.com
Solar		217-246-1605

- 1. Do you have any knowledge of past owners or tenants of the subject property parcel? If so, please provide a list with dates of ownership or occupancy. **No**.
- Do you have any records or knowledge of development or structures at the subject property?
 If so, what were the years of construction of any structures and what was the nature of the development? No
- 3. Do you have any records or knowledge of the demolition of structures at the subject properties? If so, what were the dates of demolition of the structures? **No**
- 4. Do you have any records or knowledge of excavation activities at the subject properties? **No.**
- 5. Do you have any records or knowledge of fill materials being brought onto the subject properties from elsewhere? **No.**
- 6. Are you aware of any environment cleanup liens against the properties that are filed or recorded under federal, tribal, state or local law? **No**.
- 7. Are you aware of any Activity or Use Limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the sites and/or have been filed or recorded in a registry under federal, tribal, state or local law? **No.**

- **8.** As the user of this Environmental Site Assessment (ESA) Update, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupant of the properties or adjoining properties so that you would have specialized knowledge of the chemicals and processes used by this type of business? **No.**
- 9. Does the purchase price for these properties reasonably reflect the fair market value of the property? If you conclude that there is a difference, is the difference due to contamination that is known or believed to be present at the properties? **NA**.
- 10. Are you aware of commonly known or reasonably ascertainable information about the properties that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,
 - Do you know the past uses of the properties? **No.**
 - Do you know of specific chemicals that are present or once were present at the properties? **No.**
 - Do you know of spills or other chemical releases that have taken place at the properties or impacted the subject properties but originating off-site? **No**.
 - Do you know of any environmental cleanups that have taken place at the properties?
 No.
- 11. As the user of the ESA, based on your knowledge and experience related to the properties are there any obvious indicators that point to the presence or likely presence of contamination at the properties? **No.**

Property Owner Interview Questions

Name: Dustin Ellinger

Contact: Dustine82@gmail.com 217-246-1605

2708 Hunters Ridge Edwardsville IL 60265

Date: June 17, 2024

- 1. Do you know anything about historic subject property use? Always been farmland
- 2. Do you know when the subject property was initially developed? **Never developed**
- 3. When were the subject property buildings and any additions to the buildings constructed? NA
- 4. Have any buildings at the subject property been demolished? When? Was all demolition waste removed from the subject property or was some buried on site? *Not applicable*.
- 5. Do you have any records or knowledge of excavation activities at the property? **No.**
- 6. Do you have any records or knowledge of fill materials being brought onto the property from elsewhere? **No.**
- 7. How long have you owned the property? 2 years but has been in family since 1800s
- 8. Do you know the names of previous owners, occupants or tenants? *Ellinger*
- 9. Are there any wells at the property? **No.**
- 10. Are there any septic tanks at the property? No.
- 11. Are there any sumps at the property? No.
- 12. Are there any underground storage tanks (USTs) at the property? No.
- 13. Are there any aboveground storage tanks (ASTs) at the property? **No.**
- 14. Are there transite (asbestos) sewer pipes on site? No.
- 15. Do you know of any solid waste disposal onsite? No.
- 16. Are you aware of any environmental concerns at the property, such as stained soil, distressed vegetation, spills, leaks, etc.? **No.**

- 17. Are any hazardous materials stored at the property? No.
- 18. Are any petroleum products stored at the property? No.
- 19. Are there any other chemicals or products stored on site? No.
- 20. Have any environmental permits or licenses been issued for the property? No.
- 21. Are you aware of any previous environmental investigations at the property? If so, please provide a copy. **No.**
- 22. Are there any electrical transformers or hydraulic equipment at the property? No.
- 23. Are you aware of any environment cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? **No.**
- 24. Are you aware of any Activity or Use Limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state or local law? **No.**
- 25. Do you have any specialized knowledge of the chemicals and processes used at this property? **No**
- 26. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases from on or off-site sources? For example:
 - a. Do you know of specific chemicals that are or formerly were used, stored or released at the property? **No**
 - b. Do you know of spills or other chemical releases that have taken place at the property or impacted the property but originated off-site? **No.**
 - c. Do you know of any environmental cleanups at the property? **No.**
- 27. As the owner, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? **No.**
- 28. Has any asbestos, lead paint, radon or hazardous materials survey ever been performed at the property? If so, please provide a copy. **No.**
- 29. What utility companies supply the subject property? *None.*
- 30. Have biosolids ever been applied to the subject property? No

16.5 Subject Property Reconnaissance Documentation

Worksheet 3: Subject Property Inspection Screen: Onsite and Nearby

		Onsite	Nearby	None
1	Dumps, especially with drums, containers (read labels is possible; do not open or handle. If no labels, note identifying characteristics).			x
2	Other debris: household, farm industrial waste.			Х
3	Fills: possible cover for dumps.			X
4	Unusual chemical odors.			X
5	Storage tanks: petroleum products, pesticides, etc. (above ground, underground).			х
6	Buildings: chemical storage, equipment repair, solvents.			X
7	Structures: evidence of asbestos sprayed fire proofing, acoustical plaster.			x
8	Vegetation different from surrounding for no apparent reason, e.g. bare ground.			х
9	"Sterile" or modified water bodies.			X
10	Oil seeps, stained ground, discolored stream banks.			X
11	Oil slicks or unusual colors on water.			X
12	Spray operation base: air strip, equipment parking area.			X
13	Machinery repair areas.			X
14	Pipelines; major electrical equipment (transmission lines)			X
15	Oiled or formerly oiled roads.			X
16	Electric transmission lines: pole mounted transformers, pad mounted transformers -			х

16.6 Special Contractual Conditions between User and Environmental Professional

None.

16.7 Qualification(s) of the environmental professional(s)

Stuart Grubb is a qualified environmental professional with over 30 years of experience as a consultant. He has completed Phase I and Phase II Environmental Site Assessments at dozens of residential and industrial properties throughout the Midwest. He has experience with leaking underground storage tanks, soil and groundwater remediation, and soil vapor analysis related to petroleum and several other contaminants of concern.

Education:

B.A., Geology. Carleton College, Northfield, Minnesota M.S., Water Resources Science. University of Michigan, Ann Arbor M.B.A. University of St. Thomas, Minneapolis, Minnesota

Affiliations:

Freshwater Society and Freshwater Foundation – Board of Directors Minnesota Ground Water Association and MGWA Foundation – Board of Directors Carleton College Career Center – Alumni Board of Directors

16.8 Environmental Data Resources, Inc. Reports and AFX Research, LLC Environmental Lien and AUL Report

Montgomery - Ellinger Highway 16 Litchfield, IL 62056

Inquiry Number: 7678738.10s

June 11, 2024

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary.	ES1
Overview Map.	2
Detail Map.	 3
Map Findings Summary	4
Map Findings.	8
Orphan Summary.	13
Government Records Searched/Data Currency Tracking	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings.	A-9
Physical Setting Source Records Searched	PSGR-1

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

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A search of available environmental records was conducted by 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 (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

HIGHWAY 16 LITCHFIELD, IL 62056

COORDINATES

Latitude (North): 39.1760060 - 39° 10' 33.62" Longitude (West): 89.6008310 - 89° 36' 2.99"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 275327.0 UTM Y (Meters): 4339322.5

Elevation: 572 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 24212017 BUTLER, IL

Version Date: 2021

West Map: 24212051 LITCHFIELD, IL

Version Date: 2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190713 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: HIGHWAY 16 LITCHFIELD, IL 62056

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	MAYOR AND COUNCIL		IMPDMENT	Higher	670, 0.127, West
2	LITCHFIELD-HILLSBORO	ROUTE 16 EAST	SWF/LF	Higher	917, 0.174, WSW
3	ENVOTECH ILLINOIS LL		PFAS ECHO	Higher	1028, 0.195, WSW
4	BISHOP LANDFILL	CRABTREE ROAD	SSU	Higher	2993, 0.567, WSW

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites			
NPL	National Priority List Proposed National Priority List Sites		
NPL LIENS	Federal Superfund Liens		
Lists of Federal Delisted NP	PL sites		
Delisted NPL	National Priority List Deletions		
Lists of Federal sites subject	ct to CERCLA removals and CERCLA orders		
	Federal Facility Site Information listing Superfund Enterprise Management System		
Lists of Federal CERCLA sit	tes with NFRAP		
SEMS-ARCHIVE	Superfund Enterprise Management System Archive		
Lists of Federal RCRA facili	ities undergoing Corrective Action		
CORRACTS	Corrective Action Report		
Lists of Federal RCRA TSD	facilities		
RCRA-TSDF	RCRA - Treatment, Storage and Disposal		
Lists of Federal RCRA gene	erators		
RCRA-SQG	RCRA - Large Quantity Generators RCRA - Small Quantity Generators		
KCKA-V5QG	RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)		
Federal institutional control	ls / engineering controls registries		
LUCIS	Land Use Control Information System		

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

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state and tribal landfills and solid waste disposal facilities

Lists of state and tribal leaking storage tanks

LUST..... Leaking Underground Storage Tank Sites

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land LUST TRUST..... Underground Storage Tank Fund Payment Priority List

Lists of state and tribal registered storage tanks

FEMA UST...... Underground Storage Tank Listing UST...... Underground Storage Tank Facility List

AST..... Above Ground Storage Tanks

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

State and tribal institutional control / engineering control registries

ENG CONTROLS...... Sites with Engineering Controls

INST CONTROL..... Institutional Controls

Lists of state and tribal voluntary cleanup sites

SRP...... Site Remediation Program Database INDIAN VCP...... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS...... Municipal Brownfields Redevelopment Grant Program Project Descriptions

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

CDL..... Meth Drug Lab Site Listing

US CDL...... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... State spills

SPILLS 90. SPILLS 90 data from FirstSearch

Other Ascertainable Records

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

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

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

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

TSCA...... Toxic Substances Control Act

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

ICIS..... Integrated Compliance Information System

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

Act)/TSCA (Toxic Substances Control Act)

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

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

PCB TRANSFORMER_____ PCB Transformer Registration Database

RADINFO...... Radiation Information Database

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

DOT OPS..... Incident and Accident Data

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

INDIAN RESERV.....Indian Reservations

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

UMTRA..... Uranium Mill Tailings Sites LEAD SMELTERS.... Lead Smelter Sites

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

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

MINES MRDS..... Mineral Resources Data System

FINDS....... Facility Index System/Facility Registry System ECHO...... Enforcement & Compliance History Information

UXO...... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing FUELS PROGRAM..... EPA Fuels Program Registered Listing

PFAS NPL..... Superfund Sites with PFAS Detections Information

PFAS FEDERAL SITES..... Federal Sites PFAS Information

PFAS TSCA..... PFAS Manufacture and Imports Information

PFAS TRIS.....List of PFAS Added to the TRI

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

PFAS NPDES...... Clean Water Act Discharge Monitoring Information

PFAS ECHO FIRE TRAIN.... Facilities in Industries that May Be Handling PFAS Listing PFAS PT 139 AIRPORT..... All Certified Part 139 Airports PFAS Information Listing

AQUEOUS FOAM NRC...... Aqueous Foam Related Incidents Listing BIOSOLIDS....... ICIS-NPDES Biosolids Facility Data

ASBESTOS..... Asbestos Notification Tracker Information

BOL..... Bureau of Land Inventory Database

Financial Assurance Financial Assurance Information Listing

HWAR Hazard Waste Annual Report NPDES A Listing of Active Permits

PIMW..... Potentially Infectious Medical Waste

TIER 2...... Tier 2 Information Listing
UIC...... Underground Injection Wells
UST FINDER RELEASE.... UST Finder Releases Database

UST FINDER..... UST Finder Database

PFAS PROJECT..... NORTHEASTERN UNIVERSITY PFAS PROJECT

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

DO 4 1 114/0

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of state- and tribal hazardous waste facilities

SSU: The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

A review of the SSU list, as provided by EDR, and dated 01/31/2024 has revealed that there is 1 SSU site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
BISHOP LANDFILL SSU Status: Backlog Facility Id: 1358150003	CRABTREE ROAD	WSW 1/2 - 1 (0.567 mi.)	4	12	
Facility Id: 1358150003					

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Illinois Environmental Protection Agency's Available Disposal for Solid Waste in Illinois--Solid Waste Landfills Subject to State Surcharge list.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
LITCHFIELD-HILLSBORO	ROUTE 16 EAST	WSW 1/8 - 1/4 (0.174 mi.)	2	9	
Database: LF WMRC, Date of Gove	ernment Version: 12/31/2001				
Operational Status: OPERATIONAL	_				
IEPA ID Number: 1358150007					

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

PFAS ECHO: 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.

A review of the PFAS ECHO list, as provided by EDR, and dated 12/28/2023 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ENVOTECH ILLINOIS LL		WSW 1/8 - 1/4 (0.195 mi.)	3	10

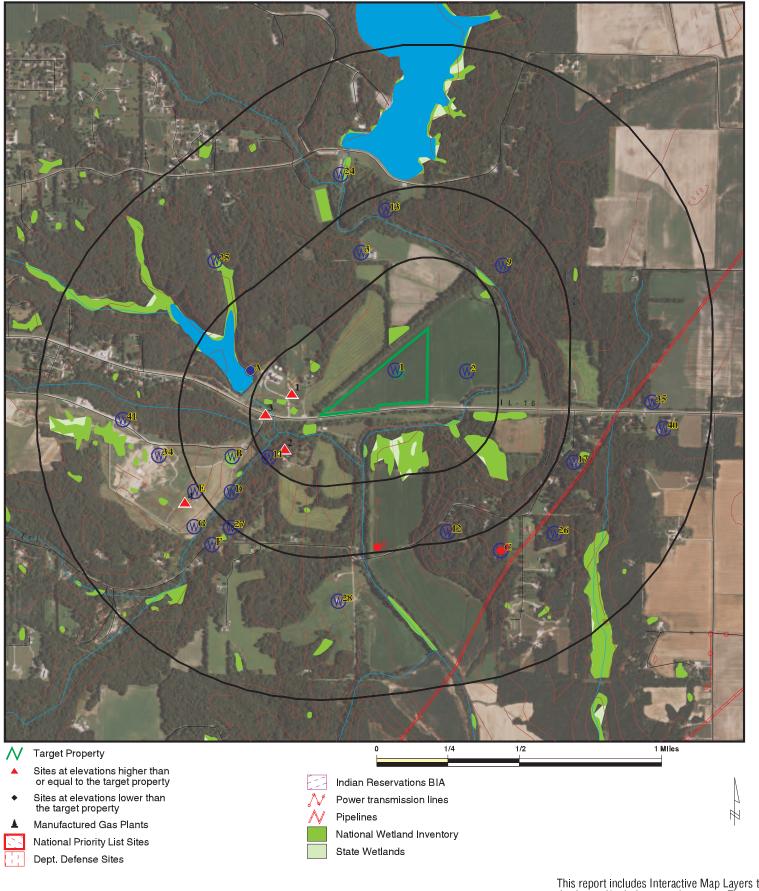
IMPDMENT: Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

A review of the IMPDMENT list, as provided by EDR, and dated 12/31/1980 has revealed that there is 1 IMPDMENT site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAYOR AND COUNCIL		W 1/8 - 1/4 (0.127 mi.)	1	8

There were no unmapped sites in this report.

OVERVIEW MAP - 7678738.10S



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

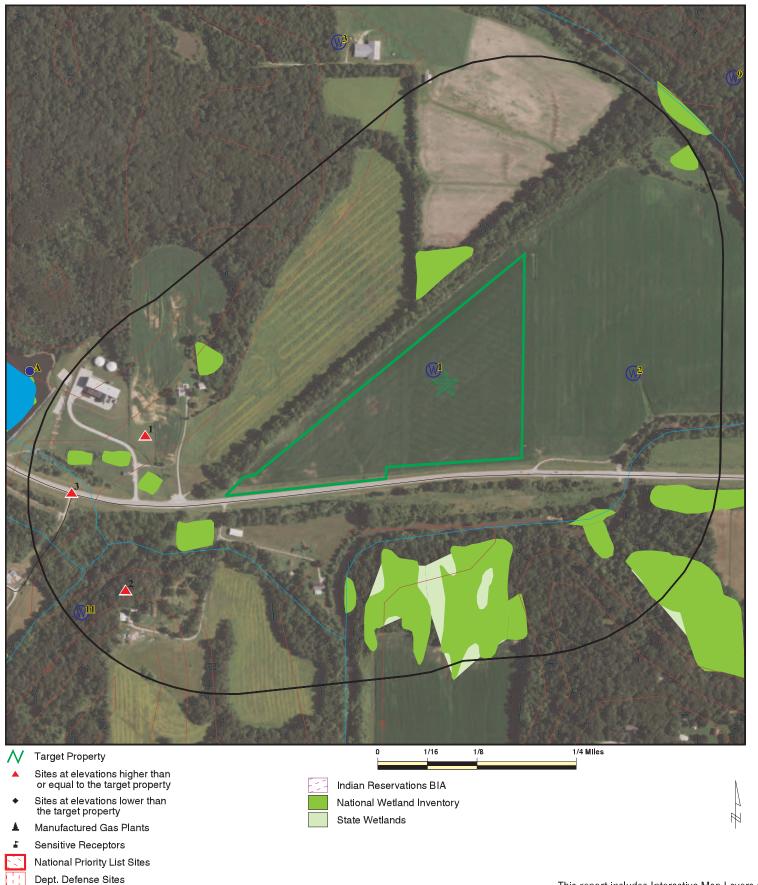
SITE NAME: Montgomery - Ellinger Highway 16 Litchfield IL 62056 ADDRESS: LAT/LONG:

39.176006 / 89.600831

CLIENT: CONTACT: Emmons & Olivier Patrick Joseph Conrad INQUIRY#: 7678738.10s

June 11, 2024 4:13 pm DATE:

DETAIL MAP - 7678738.10S



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

SITE NAME: Montgomery - Ellinger Highway 16 Litchfield IL 62056 ADDRESS:

LAT/LONG:

39.176006 / 89.600831

CLIENT: CONTACT: Emmons & Olivier Patrick Joseph Conrad

INQUIRY#: 7678738.10s June 11, 2024 4:15 pm DATE:

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMENT	AL RECORDS							
Lists of Federal NPL (Sup	perfund) site:	5						
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Lists of Federal Delisted	NPL sites							
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites sub CERCLA removals and C		rs						
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of Federal CERCLA	sites with N	FRAP						
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facundergoing Corrective A								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TS	SD facilities							
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA ge	enerators							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional cont engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilitie	s							
SSU	1.000		0	0	0	1	NR	1
Lists of state and tribal la and solid waste disposal								
CCDD SWF/LF LF SPECIAL WASTE IL NIPC	0.500 0.500 0.500 0.500		0 0 0 0	0 1 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	0 1 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	<u>> 1</u>	Total Plotted
Lists of state and tribal l	leaking stora	ge tanks						
LUST INDIAN LUST LUST TRUST	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Lists of state and tribal I	registered sto	orage tanks						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0
State and tribal institution control / engineering control /		es						
ENG CONTROLS INST CONTROL	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0
Lists of state and tribal	voluntary clea	anup sites						
SRP INDIAN VCP	0.500 0.500		0	0	0	NR NR	NR NR	0
Lists of state and tribal l	brownfield sit	tes						
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL CDL US CDL	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency I	Release Repo	orts						
HMIRS SPILLS SPILLS 90	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
Other Ascertainable Rec	cords							
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		Ö	Ö	Ö	Ö	NR	Ö
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS ICIS	0.001		0	NR	NR	NR NR	NR	0
FTTS	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
MLTS	0.001		0	NR NR	NR NR	NR NR	NR NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		Ő	NR	NR	NR	NR	Ő
HIST FTTS	0.001		Ö	NR	NR	NR	NR	Ö
DOT OPS	0.001		Ō	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	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO UXO	0.001 1.000		0 0	NR 0	NR 0	NR 0	NR NR	0 0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	Ö	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		Ő	Ö	NR	NR	NR	Ö
PFAS TSCA	0.250		Ö	Ö	NR	NR	NR	Ö
PFAS TRIS	0.250		Ō	Ō	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	1	NR	NR	NR	1
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BOL	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0 ND	NR	NR	0
DRYCLEANERS Financial Assurance	0.250 0.001		0 0	0 NR	NR NR	NR NR	NR NR	0 0
HWAR	0.001		0	NR NR	NR NR	NR NR	NR NR	0
IMPDMENT	0.500		0	1	0	NR	NR	1
NPDES	0.001		0	, NR	NR	NR	NR	Ö
PIMW	0.250		0	0	NR	NR	NR	0
TIER 2	0.001		Ö	NR	NR	NR	NR	Ö
UIC	0.001		0	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICA	L RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		Ö	NR	NR	NR	NR	Ō
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERN	MENT ARCHIV	<u>res</u>						
Exclusive Recovered Gov	t. Archives							
RGA HWS RGA LF RGA LUST	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
- Totals		0	0	3	0	1	0	4

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

MAYOR AND COUNCIL IMPDMENT S105251438
Vest N/A

West 1/8-1/4

670 ft.

1/8-1/4 , IL 0.127 mi.

Relative: SIA: Higher Area:

 Higher
 Area:
 0.0000000000

 Actual:
 Perimeter:
 0.0000000000

 589 ft.
 County FIPS Code:
 135

Place Code: 43965
Type of Impoundment Facility: MUNICIPAL
SIA Number: 00023
of impoundments at Site: 002
IEPA ID: 0
NPDES Permit #: IL0054976

NPDES Permit #: IL0054976
SIC Code 2: 4941
Latitude: 391030
Longitude: 0893628
Date Facility Id'd and Inventoried: 41879
Land owner street address: CITY HALL

Land Owner City, St, Zip: LITCHFIELD, IL 62056

Operator of impoundment: Not reported Operator address: Not reported

Operator City,St,Zip: 0

State Abbreviation: Not reported County FIPS Code: Not reported

Place Code: 0

Type of Impoundment Facility 2: Not reported SIA Number: Not reported Unique impoundment Number: Not reported Purpose For Impoundment: Not reported Explanation For Above: Not reported Age of Impoundment in Years: Impoundment Currently In Use: Not reported # of years in Operation if In Use: Not reported

P4437 Unique Record # assigned by S. Schock: Last Year of Operation if Not in Use: Not reported Surface Area of all impoundments (acres): Not reported Surface Area of all impoundments (acres): Not reported Average Influent (Gal/day) Into Impoundment: Not reported Year of Record for above (influent) average: Not reported Average Effluent (gal/day) out of impoundment: Not reported Year of record for above (effluent) average: Not reported Year of record for above average: Not reported Year of record for above average: Not reported Avg Effluent for all Impoundments at facility: Not reported

Year of Record for above Average: Not reported Bottom of Liner: Not reported If Liner Type ?? Above, Thickness (inches): Not reported Description of Liner Type If ?? Above: Not reported If Agricultural Impoundment, Type of Livestock: Not reported If Agricultural Impoundment, Average Daily # Livestock: Not reported Number of Monitoring Wells: Not reported Not reported Frequency Of Groundwater Samplings: Explanation Of GW Sampling if Other: Not reported GW Quality Changes Detected: Not reported

Seepage Affected Drnk Water Wells Within 1 Mile: Not reported Site Features: Not reported

EDR ID Number

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

MAYOR AND COUNCIL (Continued)

S105251438

EDR ID Number

Dun and Bradst # Identifying Facility Type 2: Not reported
Dun and Bradst # Identifying Operator Business 2: Not reported
Dun and Bradst # Identifying Facility Type 2: Not reported
Dun and Bradst # Identifying Operator Business 2: Not reported
SIC Code 2: Not reported

WMRC

Χ

2 LITCHFIELD-HILLSBORO LANDFILL

SWF/LF S108112171 N/A

WSW ROUTE 16 EAST 1/8-1/4 LITCHFIELD, IL 62056 0.174 mi.

0.174 mi. 917 ft.

Relative: IL WMRC_LF: Region:
Actual: General:

Actual: 592 ft.

IEPA ID Number: 1358150007
Municipal Waste: Not reported
Provisional IEPA ID: Not reported
Septic: Not reported
NIPC Map Number: Not reported
Animal: Not reported

Owner Name: JOHN HALAVONICH

Pathological: Not reported

Operator: JOHN HALAVONICH

Industrial: Not reported Not reported PO Box: Foundry Sand: Not reported Incinerator Ash: Not reported Not reported Slag: Hazardous: Not reported Hazardous Liquid: Not reported Radiation: Not reported Not reported Demolition: 391020/893630 Lat/Long: Landscaping: Not reported Oil Field: Not reported

 Primemer ID:
 3

 Special:
 X

 Township:
 08N

 Other:
 Not reported

Range: 05W Unknown: Not reported

Section: 02
Quarter Section1: NE
Quarter Section2: NW

Quarter Section3: Not reported Quarter Section4: Not reported

IEPA: X

Not reported ISGS: PollutionControlBoard: Not reported IDM&M: Not reported DPH: Not reported Operational Status: **OPERATIONAL** Local Agency: Not reported Permit Status: PERMITTED Agency: Not reported IEPA Permit Date: 40676 Source Other: Not reported

MAP FINDINGS Map ID

Direction Distance

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

LITCHFIELD-HILLSBORO LANDFILL (Continued)

S108112171

Close Date: Not reported Not reported Reaction: RCRA Facility: Not reported Date Discover: Not reported **GW Monitoring:** YES

Not reported Date Cleaned: FD Site: Not reported Not reported Offsite Waste:

Landfill Size: 22

Random Dump: Not reported

Size Fill: 22

Open Dump: Not reported Leachate Collected: Not reported Abandonment: Not reported Other: Not reported Not reported Recompacted Clay: In-situ Clay: Not reported Secured Containers: Not reported Combination: Not reported

Landfill: Χ

None: Not reported Incineration: Not reported

Other: Χ

Survace Impoundment: Not reported Not reported Land Application:

ENVOTECH ILLINOIS LLC 3 wsw

PFAS ECHO 1027356903

N/A

1/8-1/4

LITCHFIELD, IL

0.195 mi. 1028 ft.

Relative: PFAS ECHO: Higher Name:

ENVOTECH ILLINOIS LLC Address: Not reported Actual:

LITCHFIELD, IL 580 ft. City, State, Zip: Latitude: 39.174 Longitude: -89.6096

Count:

County: **MONTGOMERY**

Status: Inactive Region: 05

Industry: Waste Management

ECHO Facility Report: https://echo.epa.gov/detailed-facility-report?fid=110070490482

Facility Percent Minority: 3.956 Facility Derived Tribes:

Facility Population: 284.13 **EPA Programs: RCRA** Federal Facility: No Federal Agency: Facility FIPS Code: 17135 Facility Indian Country Flag:

Facility Collection Method: ADDRESS MATCHING-BLOCK FACE

Facility Derived HUC: 07140203 Facility Derived WBD: 071402030106

Facility Derived CD113: 13

Facility Derived CB2010: 171359576002085

Facility Major Flag:

Map ID MAP FINDINGS

Distance
Elevation Site

Database(s) E

EDR ID Number EPA ID Number

ENVOTECH ILLINOIS LLC (Continued)

1027356903

Facility Active Flag: Facility Inspection Count: 0 Facility Date Last Inspection: Facility Days Last Inspection: Facility Informal Count: 0 Facility Date Last Informal Action: Facility Formal Action Count: 0 Facility Date Last Formal Action: Facility Total Penalties: 0 Facility Penalty Count: Facility Date Last Penalty: Facility Last Penalty AMT: Facility QTRS With NC: 0 Facility Programs With SNC: 0

Facility Compliance Status: No Violation Identified

Facility SNC Flag: AIR Flag: Ν NPDES Flag: Ν SDWIS Flag: RCRA Flag: Υ TRI Flag: N GHG Flag: Ν AIR IDS: CAA Permit Types: CAA NAICS: CAA SICS: NPDES IDS: CWA Permit Types: CWA NAICS: CWA SICS:

RCRA IDS: IL1358150007 RCRA Permit Types: Other RCRA NAICS: 562212 SDWA IDS: SDWA System Types: SDWA Compliance Status: SDWA SNC Flag: Ν TRI IDS: TRI Releases Transfers: TRI On Site Releases: TRI Off Site Transfers: TRI Reporter:

Facility IMP Water Flag:

EJSCREEN Flag US: N

EJSCREEN Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%

7B%22x%22:-89.6096,%22y%22:39.174,%22spatialReference%22:%7B%22wkid%22

:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

4 BISHOP LANDFILL SSU \$103823850 WSW CRABTREE ROAD N/A

1/2-1 0.567 mi. 2993 ft.

Relative: SSU:

LITCHFIELD, IL

HigherName:BISHOP LANDFILLActual:Address:CRABTREE ROAD627 ft.City,State,Zip:LITCHFIELD, ILFacility ID:1358150003

Facility Type: Landfill Region: Springfield Current Program: SSU-CO Project Manager: Kershaw Community Relations: Tebrugge SSU Status: Backlog FOS: Jansen Year Completed: Not reported

Site Size: 36

Lat/Long: Not reported

EDR ID Number

Count: 0 records. ORPHAN SUMMARY

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

NO SITES FOUND

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: 02/29/2024 Source: EPA Date Data Arrived at EDR: 03/01/2024 Telephone: N/A

Last EDR Contact: 06/03/2024 Date Made Active in Reports: 03/27/2024

Number of Days to Update: 26 Next Scheduled EDR Contact: 07/08/2024 Data Release Frequency: Quarterly

NPL Site Boundaries

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

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

EPA Region 3 EPA Region 7

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

EPA Region 4 **EPA Region 8**

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

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 02/29/2024 Date Data Arrived at EDR: 03/01/2024

Date Made Active in Reports: 03/27/2024

Number of Days to Update: 26

Source: EPA Telephone: N/A

Last EDR Contact: 06/03/2024

Next Scheduled EDR Contact: 07/08/2024 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

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

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

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: 02/29/2024 Date Data Arrived at EDR: 03/01/2024 Date Made Active in Reports: 03/27/2024

Number of Days to Update: 26

Source: EPA
Telephone: N/A

Last EDR Contact: 06/03/2024

Next Scheduled EDR Contact: 07/08/2024 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: 12/20/2023 Date Data Arrived at EDR: 12/20/2023 Date Made Active in Reports: 01/24/2024

Number of Days to Update: 35

Source: Environmental Protection Agency Telephone: 703-603-8704

Last EDR Contact: 03/26/2024

Next Scheduled EDR Contact: 07/08/2024 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: 04/22/2024 Date Data Arrived at EDR: 05/01/2024 Date Made Active in Reports: 05/24/2024

Number of Days to Update: 23

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/03/2024

Next Scheduled EDR Contact: 07/22/2024 Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/22/2024 Date Data Arrived at EDR: 05/01/2024 Date Made Active in Reports: 05/24/2024

Number of Days to Update: 23

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/03/2024

Next Scheduled EDR Contact: 07/22/2024 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: 12/04/2023 Date Data Arrived at EDR: 12/06/2023 Date Made Active in Reports: 12/12/2023

Number of Days to Update: 6

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/07/2024

Next Scheduled EDR Contact: 07/01/2024 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: 12/04/2023 Date Data Arrived at EDR: 12/06/2023 Date Made Active in Reports: 12/12/2023

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 06/07/2024

Next Scheduled EDR Contact: 07/01/2024 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: 12/04/2023 Date Data Arrived at EDR: 12/06/2023 Date Made Active in Reports: 12/12/2023

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 06/07/2024

Next Scheduled EDR Contact: 07/01/2024 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/04/2023 Date Data Arrived at EDR: 12/06/2023 Date Made Active in Reports: 12/12/2023

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 06/07/2024

Next Scheduled EDR Contact: 07/01/2024 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: 12/04/2023 Date Data Arrived at EDR: 12/06/2023 Date Made Active in Reports: 12/12/2023

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 06/07/2024

Next Scheduled EDR Contact: 07/01/2024 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/14/2024 Date Data Arrived at EDR: 02/16/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 48

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/17/2024

Next Scheduled EDR Contact: 08/19/2024 Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/13/2024 Date Data Arrived at EDR: 02/21/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 43

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/21/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 02/13/2024 Date Data Arrived at EDR: 02/21/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 43

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/21/2024

Next Scheduled EDR Contact: 09/02/2024

Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

substances.

Date of Government Version: 12/12/2023 Date Data Arrived at EDR: 12/13/2023 Date Made Active in Reports: 02/28/2024

Number of Days to Update: 77

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/19/2024

Next Scheduled EDR Contact: 07/01/2024 Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SSU: State Sites Unit Listing

The State Response Action Program database identifies the status of all sites under the responsibility of the

Illinois EPA's State Sites Unit.

Date of Government Version: 01/31/2024 Date Data Arrived at EDR: 01/31/2024 Date Made Active in Reports: 02/13/2024

Number of Days to Update: 13

Source: Illinois Environmental Protection Agency

Telephone: 217-524-4826 Last EDR Contact: 04/15/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge 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: 12/31/2022 Date Data Arrived at EDR: 10/17/2023 Date Made Active in Reports: 01/08/2024

Number of Days to Update: 83

Source: Illinois Environmental Protection Agency

Telephone: 217-785-8604 Last EDR Contact: 04/18/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Annually

CCDD: Clean Construction or Demolition Debris

Construction and demolition (C and D) debris is nonhazardous, uncontaminated material resulting from construction, remodeling, repair, or demolition of utilities, structures, and roads.

Date of Government Version: 06/20/2023 Date Data Arrived at EDR: 04/04/2024 Date Made Active in Reports: 04/17/2024

Number of Days to Update: 13

Source: Illinois EPA Telephone: 217-524-3300 Last EDR Contact: 03/27/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Varies

LF WMRC: Waste Management & Research Center Landfill Database

The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

Date of Government Version: 12/31/2001 Date Data Arrived at EDR: 10/06/2006 Date Made Active in Reports: 11/06/2006

Number of Days to Update: 31

Source: Department of Natural Resources

Telephone: 217-333-8940 Last EDR Contact: 09/18/2009

Next Scheduled EDR Contact: 12/28/2009 Data Release Frequency: No Update Planned

LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

Date of Government Version: 01/01/1990 Date Data Arrived at EDR: 06/17/2009 Date Made Active in Reports: 07/15/2009

Number of Days to Update: 28

Source: Illinois EPA Telephone: 217-782-9288 Last EDR Contact: 06/10/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IL NIPC: Solid Waste Landfill Inventory

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/1988 Date Data Arrived at EDR: 04/07/2022 Date Made Active in Reports: 07/01/2022

Number of Days to Update: 85

Source: Northeastern Illinois Planning Commission

Telephone: 312-454-0400 Last EDR Contact: 04/07/2022

Next Scheduled EDR Contact: 07/18/2022 Data Release Frequency: No Update Planned

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/16/2024 Date Data Arrived at EDR: 01/16/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 79

Source: Illinois Environmental Protection Agency

Telephone: 217-524-3300 Last EDR Contact: 04/16/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/25/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

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

Date of Government Version: 10/25/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/25/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

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

Date of Government Version: 10/25/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

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

Date of Government Version: 10/25/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/04/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/25/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

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

Date of Government Version: 10/25/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

LUST TRUST: Underground Storage Tank Fund Payment Priority List

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

Date of Government Version: 06/06/2016 Date Data Arrived at EDR: 07/27/2016 Date Made Active in Reports: 10/18/2016

Number of Days to Update: 83

Source: Illinois EPA Telephone: 217-782-6762 Last EDR Contact: 04/15/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

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: 11/16/2023 Date Data Arrived at EDR: 11/16/2023 Date Made Active in Reports: 02/13/2024

Number of Days to Update: 89

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 03/19/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Varies

UST: Underground Storage Tank Facility List

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: 01/16/2024 Date Data Arrived at EDR: 01/16/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 79

Source: Illinois State Fire Marshal Telephone: 217-785-0969 Last EDR Contact: 04/16/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

Listing of all aboveground tanks inspected by Office of State Fire Marshal.

Date of Government Version: 02/16/2024 Date Data Arrived at EDR: 02/22/2024 Date Made Active in Reports: 05/10/2024

Number of Days to Update: 78

Source: State Fire Marshal Telephone: 217-785-1011 Last EDR Contact: 05/09/2024

Next Scheduled EDR Contact: 08/26/2024

Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/17/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/17/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/17/2024

Next Scheduled EDR Contact: 07/29/2024 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: 10/24/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 56

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

Sites using of engineered barriers (e.g., asphalt or concrete paving).

Date of Government Version: 12/20/2023 Date Data Arrived at EDR: 12/20/2023 Date Made Active in Reports: 03/12/2024

Number of Days to Update: 83

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6761 Last EDR Contact: 03/26/2024

Next Scheduled EDR Contact: 07/08/2024 Data Release Frequency: Quarterly

Inst Control: Institutional Controls

Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

Date of Government Version: 12/20/2023 Date Data Arrived at EDR: 12/20/2023 Date Made Active in Reports: 03/12/2024

Number of Days to Update: 83

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6761 Last EDR Contact: 03/26/2024

Next Scheduled EDR Contact: 07/08/2024 Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

SRP: Site Remediation Program Database

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 12/20/2023 Date Data Arrived at EDR: 12/20/2023 Date Made Active in Reports: 03/12/2024

Number of Days to Update: 83

Source: Illinois Environmental Protection Agency

Telephone: 217-785-9407 Last EDR Contact: 03/26/2024

Next Scheduled EDR Contact: 07/08/2024 Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 03/18/2024

Next Scheduled EDR Contact: 07/01/2024

Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 07/08/2021

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions

The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of \$240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

Date of Government Version: 02/11/2010 Date Data Arrived at EDR: 07/31/2014 Date Made Active in Reports: 09/08/2014

Number of Days to Update: 39

Source: Illinois Environmental Protection Agency

Telephone: 217-785-3486 Last EDR Contact: 04/18/2024

Next Scheduled EDR Contact: 07/29/2024

Data Release Frequency: Varies

BROWNFIELDS: Redevelopment Assessment Database

The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

Date of Government Version: 01/16/2024 Date Data Arrived at EDR: 01/16/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 79

Source: Illinois Environmental Protection Agency

Telephone: 217-524-1658 Last EDR Contact: 04/16/2024

Next Scheduled EDR Contact: 07/29/2024

Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 03/11/2024 Date Data Arrived at EDR: 03/12/2024 Date Made Active in Reports: 05/10/2024

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/12/2024

Next Scheduled EDR Contact: 06/24/2024 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 04/22/2024

Next Scheduled EDR Contact: 08/05/2024 Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/15/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Number of Days to Update: 176

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

Telephone: 301-443-1452 Last EDR Contact: 04/19/2024

Next Scheduled EDR Contact: 08/04/2024 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: 12/31/2023 Date Data Arrived at EDR: 02/21/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 43

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/21/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: No Update Planned

CDL: Meth Drug Lab Site Listing

A listing of clandestine/meth drug lab locations.

Date of Government Version: 01/02/2024 Date Data Arrived at EDR: 01/04/2024 Date Made Active in Reports: 03/26/2024

Number of Days to Update: 82

Source: Department of Public Health

Telephone: 217-782-5750 Last EDR Contact: 03/28/2024

Next Scheduled EDR Contact: 07/15/2024

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: 12/31/2023 Date Data Arrived at EDR: 02/21/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 43

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/21/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/29/2024 Date Data Arrived at EDR: 03/01/2024 Date Made Active in Reports: 03/27/2024

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 06/03/2024

Next Scheduled EDR Contact: 07/08/2024 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: 12/12/2023 Date Data Arrived at EDR: 12/13/2023 Date Made Active in Reports: 02/28/2024

Number of Days to Update: 77

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/20/2024

Next Scheduled EDR Contact: 07/01/2024 Data Release Frequency: Quarterly

IEMA SPILLS: Illinois Emergency Management Agency Spills

A listing of hazardous materials incidents reported to the Illinois Emergency Management Agency.

Date of Government Version: 01/22/2024 Date Data Arrived at EDR: 01/23/2024 Date Made Active in Reports: 04/10/2024

Number of Days to Update: 78

Source: Illinois Emergency Management Agency

Telephone: 217-524-0770 Last EDR Contact: 04/23/2024

Next Scheduled EDR Contact: 08/05/2024 Data Release Frequency: Quarterly

SPILLS: State spills

A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 12/27/2023 Date Data Arrived at EDR: 12/27/2023 Date Made Active in Reports: 12/29/2023

Number of Days to Update: 2

Source: Illinois EPA Telephone: 217-782-3637 Last EDR Contact: 03/28/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 07/18/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/15/2013

Number of Days to Update: 71

Source: FirstSearch Telephone: N/A

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

Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 12/04/2023 Date Data Arrived at EDR: 12/06/2023 Date Made Active in Reports: 12/12/2023

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 06/07/2024

Next Scheduled EDR Contact: 07/01/2024 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/30/2024 Date Data Arrived at EDR: 02/13/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 51

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/14/2024

Next Scheduled EDR Contact: 08/26/2024

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: 04/11/2024

Next Scheduled EDR Contact: 07/22/2024

Data Release Frequency: Varies

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 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019 Number of Days to Update: 574 Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/04/2024

Next Scheduled EDR Contact: 07/15/2024

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: 07/30/2021 Date Data Arrived at EDR: 02/03/2023 Date Made Active in Reports: 02/10/2023

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/09/2024

Next Scheduled EDR Contact: 08/19/2024

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: 12/11/2023 Date Data Arrived at EDR: 12/13/2023 Date Made Active in Reports: 02/28/2024

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/13/2024

Next Scheduled EDR Contact: 07/01/2024 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

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

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

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 04/29/2024

Next Scheduled EDR Contact: 08/12/2024 Data Release Frequency: No Update Planned

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 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/02/2024

Next Scheduled EDR Contact: 08/12/2024

Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 06/14/2022 Date Made Active in Reports: 03/24/2023

Number of Days to Update: 283

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/14/2024

Next Scheduled EDR Contact: 06/24/2024 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: 12/31/2022 Date Data Arrived at EDR: 11/13/2023 Date Made Active in Reports: 02/07/2024

Number of Days to Update: 86

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/16/2024

Next Scheduled EDR Contact: 08/26/2024 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: 01/16/2024 Date Data Arrived at EDR: 01/17/2024 Date Made Active in Reports: 03/27/2024

Number of Days to Update: 70

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/17/2024

Next Scheduled EDR Contact: 07/29/2024 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: 02/29/2024 Date Data Arrived at EDR: 03/01/2024 Date Made Active in Reports: 03/27/2024

Number of Days to Update: 26

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/03/2024

Next Scheduled EDR Contact: 09/09/2024 Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 02/01/2024 Date Data Arrived at EDR: 02/08/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 56

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/15/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023 Date Data Arrived at EDR: 10/03/2023 Date Made Active in Reports: 10/19/2023

Number of Days to Update: 16

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 06/03/2024

Next Scheduled EDR Contact: 08/12/2024 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: 03/20/2023 Date Data Arrived at EDR: 04/04/2023 Date Made Active in Reports: 06/09/2023

Number of Days to Update: 66

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/04/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 03/28/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

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

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

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: 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: 01/02/2024 Date Data Arrived at EDR: 01/16/2024 Date Made Active in Reports: 03/13/2024

Number of Days to Update: 57

Source: Nuclear Regulatory Commission

Telephone: 301-415-0717 Last EDR Contact: 04/15/2024

Next Scheduled EDR Contact: 07/29/2024 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: 12/31/2022 Date Data Arrived at EDR: 11/27/2023 Date Made Active in Reports: 02/22/2024

Number of Days to Update: 87

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 05/28/2024

Next Scheduled EDR Contact: 09/09/2024 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: 05/28/2024

Next Scheduled EDR Contact: 09/09/2024 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: 05/02/2024

Next Scheduled EDR Contact: 08/12/2024 Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019 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: 03/25/2024

Next Scheduled EDR Contact: 07/08/2024 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

Next Scheduled EDR Contact: 03/17/2008

Data Release Frequency: No Update Planned

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

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 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 Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 04/23/2024

Next Scheduled EDR Contact: 08/05/2024 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: 12/31/2023 Date Data Arrived at EDR: 01/11/2024 Date Made Active in Reports: 01/16/2024

Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 03/28/2024

Next Scheduled EDR Contact: 07/15/2024 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: 12/31/2021 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023

Number of Days to Update: 11

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 06/07/2024

Next Scheduled EDR Contact: 07/01/2024 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

than 640 acres.

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

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/04/2024

Next Scheduled EDR Contact: 07/15/2024 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: 03/03/2023 Date Data Arrived at EDR: 03/03/2023 Date Made Active in Reports: 06/09/2023

Number of Days to Update: 98

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 04/26/2024

Next Scheduled EDR Contact: 08/12/2024

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 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020

Number of Days to Update: 74

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/16/2024

Next Scheduled EDR Contact: 08/26/2024

Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 02/29/2024 Date Data Arrived at EDR: 03/01/2024 Date Made Active in Reports: 03/27/2024

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 06/03/2024

Next Scheduled EDR Contact: 07/08/2024

Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

Number of Days to Update: 36

Source: American Journal of Public Health

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

Data Release Frequency: No Update Planned

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

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

Telephone: 202-564-2496

Last EDR Contact: 09/26/2017

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

Number of Days to Update: 100

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

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

Number of Days to Update: 100

Source: EPA

Source: EPA

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

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

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

US MINES: Mines Master Index File

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

Date of Government Version: 02/05/2024 Date Data Arrived at EDR: 02/21/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 43

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 05/21/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 01/02/2024 Date Data Arrived at EDR: 01/03/2024 Date Made Active in Reports: 01/04/2024

Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi

Telephone: 202-693-9424 Last EDR Contact: 04/04/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 01/07/2022 Date Data Arrived at EDR: 02/24/2023 Date Made Active in Reports: 05/17/2023

Number of Days to Update: 82

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/22/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/23/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

> Date of Government Version: 08/23/2022 Date Data Arrived at EDR: 11/22/2022 Date Made Active in Reports: 02/28/2023

Number of Days to Update: 98

Source: USGS

Telephone: 703-648-6533 Last EDR Contact: 05/22/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 03/18/2024 Date Data Arrived at EDR: 03/19/2024 Date Made Active in Reports: 06/06/2024

Number of Days to Update: 79

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 05/30/2024

Next Scheduled EDR Contact: 09/16/2024 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/09/2024 Date Data Arrived at EDR: 02/27/2024 Date Made Active in Reports: 05/24/2024

Number of Days to Update: 87

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 05/29/2024

Next Scheduled EDR Contact: 09/09/2024 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023 Date Data Arrived at EDR: 09/13/2023 Date Made Active in Reports: 12/11/2023

Number of Days to Update: 89

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/08/2024

Next Scheduled EDR Contact: 07/22/2024 Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021 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: 05/17/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 12/17/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 03/04/2024

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 04/04/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels

Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/12/2024 Date Data Arrived at EDR: 02/13/2024 Date Made Active in Reports: 04/04/2024

Number of Days to Update: 51

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 05/14/2024

Next Scheduled EDR Contact: 08/26/2024 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.

Date of Government Version: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 03/04/2024

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: 703-603-8895 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 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: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 03/04/2024

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 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: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 01/04/2024

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 01/04/2024

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 202-566-0250 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 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: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 01/04/2024

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 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: 04/22/2024

Next Scheduled EDR Contact: 08/05/2024

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.

Date of Government Version: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 03/04/2024

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 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. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 03/04/2024

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 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: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 03/04/2024

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024

Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: 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 facilitys 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: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 03/04/2024

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Varies

PFAS PT 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: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 03/04/2024

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Varies

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: 12/28/2023 Date Data Arrived at EDR: 12/28/2023 Date Made Active in Reports: 03/04/2024

Number of Days to Update: 67

Source: Environmental Protection Agency

Telephone: 202-267-2675 Last EDR Contact: 04/05/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Varies

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

Date of Government Version: 12/16/2016 Date Data Arrived at EDR: 01/06/2017 Date Made Active in Reports: 03/10/2017

Number of Days to Update: 63

Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 03/29/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

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: 03/29/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023 Date Data Arrived at EDR: 01/03/2024 Date Made Active in Reports: 01/16/2024

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 202-564-4700 Last EDR Contact: 04/16/2024

Next Scheduled EDR Contact: 07/29/2024 Data Release Frequency: Varies

PFAS: PFAS Sampling Listing

The Illinois Environmental Protection Agency (Illinois EPA) has conducted statewide investigations into the prevalence and occurrence of Per- and Polyfluoroalkyl Substances (PFAS) contamination.

Date of Government Version: 12/15/2023 Date Data Arrived at EDR: 12/27/2023 Date Made Active in Reports: 12/29/2023

Number of Days to Update: 2

Source: Illinois Environmental Protection Agency

Telephone: 217-524-3038 Last EDR Contact: 06/06/2024

Next Scheduled EDR Contact: 09/23/2024

Data Release Frequency: Varies

AIRS: Air Inventory Listing

A listing of air permits and emissions information.

Date of Government Version: 10/20/2023 Date Data Arrived at EDR: 10/24/2023 Date Made Active in Reports: 01/16/2024

Number of Days to Update: 84

Source: Illinois EPA Telephone: 217-557-0314 Last EDR Contact: 03/25/2024

Next Scheduled EDR Contact: 07/08/2024

Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Tracker Information

A listing of asbestos abatement & demolition project site locations in the state.

Date of Government Version: 12/08/2024 Date Data Arrived at EDR: 12/20/2023 Date Made Active in Reports: 01/16/2024

Number of Days to Update: 27

Source: Illinois EPA Telephone: 217-558-5101 Last EDR Contact: 03/25/2024

Next Scheduled EDR Contact: 07/08/2024

Data Release Frequency: Varies

BOL: Bureau of Land Inventory Database

Bureau of Land inventory for facility information. Data results are cross-linked with all on-line database system applications from IEPA - Bureau of Land as well as USEPA FRS database.

Date of Government Version: 12/02/2021 Date Data Arrived at EDR: 12/14/2021 Date Made Active in Reports: 03/01/2022

Number of Days to Update: 77

Source: Illinois Environmental Protection Agency

Telephone: 217-785-9407 Last EDR Contact: 05/17/2024

Next Scheduled EDR Contact: 09/02/2024

Data Release Frequency: Varies

COAL ASH: Coal Ash Site Listing
A listing of coal ash site Icoations.

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 03/09/2012 Date Made Active in Reports: 04/10/2012

Number of Days to Update: 32

Source: Illinois EPA Telephone: 217-782-1654 Last EDR Contact: 05/17/2024

Next Scheduled EDR Contact: 09/02/2024 Data Release Frequency: Annually

DRYCLEANERS: Illinois Licensed Drycleaners

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

Date of Government Version: 02/02/2024 Date Data Arrived at EDR: 02/13/2024 Date Made Active in Reports: 05/07/2024

Number of Days to Update: 84

Source: Drycleaner Environmental Response Trust Fund of Illinois

Telephone: 800-765-4041 Last EDR Contact: 05/14/2024

Next Scheduled EDR Contact: 08/26/2024 Data Release Frequency: Varies

FIN ASSURANCE: Financial Assurance Information Listing

Information for hazardous 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: 02/14/2024 Date Data Arrived at EDR: 02/29/2024 Date Made Active in Reports: 05/21/2024

Number of Days to Update: 82

Source: Illinois Environmental Protection Agency

Telephone: 217-782-9887 Last EDR Contact: 05/09/2024

Next Scheduled EDR Contact: 08/26/2024 Data Release Frequency: No Update Planned

HWAR: Hazard Waste Annual Report

Each year, Illinois hazardous-waste generators tell the Illinois EPA the amounts and kinds of hazardous waste they produced during the previous year. Generators indicate by code the types of wastes produced and the steps they took to manage these wastes. If some or all of these wastes were sent to commercial treatment, storage, and disposal facilities (TSDFs), that information and the identity of each receiving facility also are submitted. Illinois TSDFs likewise report the types and quantities of wastes received from in-state and out-of-state generators; they also report the procedures they used to manage these wastes.

Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 05/11/2021 Date Made Active in Reports: 08/02/2021

Number of Days to Update: 83

Source: Illinois EPA Telephone: 217-524-3300 Last EDR Contact: 03/28/2024

Next Scheduled EDR Contact: 07/15/2024 Data Release Frequency: Annually

IMPDMENT: Surface Impoundment Inventory

Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980 Date Data Arrived at EDR: 03/08/2002 Date Made Active in Reports: 06/03/2002

Number of Days to Update: 87

Source: Illinois Waste Management & Research Center

Telephone: 217-333-8940 Last EDR Contact: 05/12/2022

Next Scheduled EDR Contact: 08/22/2022 Data Release Frequency: No Update Planned

NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 04/16/2014 Date Data Arrived at EDR: 04/18/2014 Date Made Active in Reports: 05/20/2014

Number of Days to Update: 32

Source: Illinois EPA Telephone: 217-782-0610 Last EDR Contact: 03/22/2024

Next Scheduled EDR Contact: 07/08/2024 Data Release Frequency: Varies

PIMW: Potentially Infectious Medical Waste

Potentially Infectious Medical Waste (PIMW) is waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals.

Date of Government Version: 03/11/2024 Date Data Arrived at EDR: 03/12/2024 Date Made Active in Reports: 06/04/2024

Number of Days to Update: 84

Source: Illinois EPA Telephone: 217-524-3289 Last EDR Contact: 03/11/2024

Next Scheduled EDR Contact: 06/24/2024 Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

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

Date of Government Version: 12/31/2023 Date Data Arrived at EDR: 02/06/2024 Date Made Active in Reports: 04/26/2024

Number of Days to Update: 80

Source: Illinois Emergency Management Agency

Telephone: 217-785-9860 Last EDR Contact: 05/07/2024

Next Scheduled EDR Contact: 08/19/2024 Data Release Frequency: Annually

UIC: Underground Injection Wells

Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 01/03/2023 Date Data Arrived at EDR: 09/21/2023 Date Made Active in Reports: 12/11/2023

Number of Days to Update: 81

Source: Illinois EPA Telephone: 217-782-9878 Last EDR Contact: 05/09/2024

Next Scheduled EDR Contact: 08/26/2024 Data Release Frequency: Semi-Annually

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023 Date Data Arrived at EDR: 10/31/2023 Date Made Active in Reports: 01/18/2024

Number of Days to Update: 79

Source: Environmental Protecton Agency

Telephone: 202-564-0394 Last EDR Contact: 05/08/2024

Next Scheduled EDR Contact: 08/19/2024 Data Release Frequency: Semi-Annually

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023 Date Data Arrived at EDR: 04/05/2024 Date Made Active in Reports: 06/06/2024

Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute

Telephone: N/A

Last EDR Contact: 06/04/2024

Next Scheduled EDR Contact: 09/16/2024 Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023 Date Data Arrived at EDR: 10/04/2023 Date Made Active in Reports: 01/18/2024

Number of Days to Update: 106

Source: Environmental Protection Agency

Telephone: 202-564-0394 Last EDR Contact: 05/08/2024

Next Scheduled EDR Contact: 08/19/2024 Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/30/2013 Number of Days to Update: 182

Source: Department of Natural Resources

Telephone: N/A

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

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/10/2014 Number of Days to Update: 193

Source: Illinois Environmental Protection Agency

Telephone: N/A

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

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Telephone: N/A

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

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

Source: Illinois Environmental Protection Agency

COUNTY RECORDS

COOK COUNTY:

CHICAGO ASBESTOS: CDPH Asbestos and Demolition Notification Listing

Notices of Intent (NOI) for demolition and asbestos abatement per Chapter 11-4 Article XVIII of the Municipal Code (see American Legal Publishing Corporation) submitted to the Department of Environment (DOE) for work started January, 1993 to December 31, 2011 or submitted to the Department of Public Health (CDPH) for work beginning on or after January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 03/06/2024 Date Data Arrived at EDR: 03/12/2024 Date Made Active in Reports: 06/03/2024

Number of Days to Update: 83

Source: Chicago Department of Public Health

Telephone: 312-747-9884 Last EDR Contact: 03/12/2024

Next Scheduled EDR Contact: 06/24/2024 Data Release Frequency: Varies

CHICAGO COMPLAINTS: CDPH Environmental Complaints Listing

Environmental complaints received by the Department of Environment (DOE) from January 1993 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 03/06/2024 Date Data Arrived at EDR: 03/12/2024 Date Made Active in Reports: 06/03/2024

Number of Days to Update: 83

Source: Chicago Department of Public Health

Telephone: 312-747-9884 Last EDR Contact: 03/12/2024

Next Scheduled EDR Contact: 06/24/2024 Data Release Frequency: Varies

CHICAGO ENF: CDPH Environmental Enforcement Listing

Municipal and State code violation notices issued by the Department of Environment (DOE) from January, 1993 to December 31, 2012 and by the Department of Public Health (CDPH) Permitting and Inspections unit since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH..

Date of Government Version: 03/06/2024 Date Data Arrived at EDR: 03/12/2024 Date Made Active in Reports: 06/03/2024

Number of Days to Update: 83

Source: Chicago Department of Public Health

Telephone: 312-747-9884 Last EDR Contact: 03/12/2024

Next Scheduled EDR Contact: 06/24/2024 Data Release Frequency: Varies

CHICAGO INSPECT: CDPH Environmental Inspections Listing

Inspections conducted by the Department of Environment (DOE) from April, 1997 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the Department of Environment was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 03/07/2024 Date Data Arrived at EDR: 03/12/2024 Date Made Active in Reports: 06/03/2024

Number of Days to Update: 83

Source: Chicago Department of Public Health

Telephone: 312-747-9884 Last EDR Contact: 03/12/2024

Next Scheduled EDR Contact: 06/24/2024

Data Release Frequency: Varies

CHICAGO PERMITS: CDPH Environmental Permits Listing

Permits issued by the Department of Environment (DOE) from January 1993 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. This dataset also includes tank permits issued by CDPH on behalf of the Office of the Illinois State Fire Marshall (OSFM). On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 03/07/2024 Date Data Arrived at EDR: 03/12/2024 Date Made Active in Reports: 06/03/2024

Number of Days to Update: 83

Source: Chicago Department of Public Health

Telephone: 312-747-9884 Last EDR Contact: 03/12/2024

Next Scheduled EDR Contact: 06/24/2024 Data Release Frequency: Varies

CHICAGO TANKS: CDPH Storage Tanks Listing

This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the Department of Public Healtha??s (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

Date of Government Version: 03/06/2024 Date Data Arrived at EDR: 03/12/2024 Date Made Active in Reports: 06/03/2024

Number of Days to Update: 83

Source: Department of Public Health Telephone: 312-747-2374 Last EDR Contact: 03/12/2024

Next Scheduled EDR Contact: 06/24/2024 Data Release Frequency: Quarterly

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: 02/05/2024 Date Data Arrived at EDR: 02/06/2024 Date Made Active in Reports: 04/25/2024

Number of Days to Update: 79

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/07/2024

Next Scheduled EDR Contact: 08/19/2024 Data Release Frequency: No Update Planned

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: 03/29/2024

Next Scheduled EDR Contact: 07/15/2024 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: 12/31/2019 Date Data Arrived at EDR: 11/30/2023 Date Made Active in Reports: 12/01/2023

Number of Days to Update: 1

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 04/25/2024

Next Scheduled EDR Contact: 08/05/2024 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: 04/08/2024

Next Scheduled EDR Contact: 07/22/2024 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: 05/13/2024

Next Scheduled EDR Contact: 08/26/2024 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/03/2024

Next Scheduled EDR Contact: 09/16/2024 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Homes & Centers Listing

Source: Department of Children & Family Services

Telephone: 312-814-4150

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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: Illinois State Geological Survey

Telephone: 217-333-4747

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

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MONTGOMERY - ELLINGER HIGHWAY 16 LITCHFIELD, IL 62056

TARGET PROPERTY COORDINATES

Latitude (North): 39.176006 - 39° 10' 33.62" Longitude (West): 89.600831 - 89° 36' 2.99"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 275327.0 UTM Y (Meters): 4339322.5

Elevation: 572 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 24212017 BUTLER, IL

Version Date: 2021

West Map: 24212051 LITCHFIELD, IL

Version Date: 2021

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

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

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

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

GROUNDWATER FLOW DIRECTION INFORMATION

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

TOPOGRAPHIC INFORMATION

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

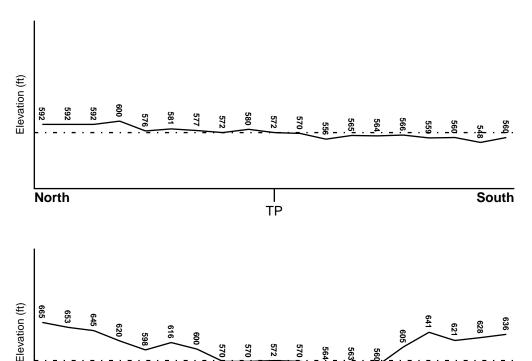
TARGET PROPERTY TOPOGRAPHY

West

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES

Target Property Elevation: 572 ft.



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

1/2

TP

East

1 Miles

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property FEMA Source Type

Not Reported

Additional Panels in search area: FEMA Source Type

Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

BUTLER YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Paleozoic Category: Stratifed Sequence

System: Pennsylvanian
Series: Missourian Series

Code: PP3 (decoded above as Era, System & Series)

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: BEAUCOUP

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be

drained and are classified.

Soil Drainage Class: Not reported

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Layer	Boundary			Classification			
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	15 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
2	15 inches	35 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
3	35 inches	48 inches	stratified	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60
4	48 inches	60 inches	stratified	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 6.10

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam

clay loam silty clay fine sandy loam

Surficial Soil Types: silt loam

silt loam clay loam silty clay

fine sandy loam

Shallow Soil Types: silt loam

clay loam

Deeper Soil Types: silt loam

silty clay loam

clay

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCATION

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID EROM TP

A10 IL1350400 LOCATION
FROM TP

1/2 - 1 Mile West

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	FROM TP
1	ĪLSG40000261045	0 - 1/8 Mile NW
2	ILSG40000259679	1/8 - 1/4 Mile East
3	ILSG40000261496	1/4 - 1/2 Mile NNW
A4	ILSG40000260922	1/2 - 1 Mile West
A5	ILSG40000259470	1/2 - 1 Mile West
A6	ILSG40000260923	1/2 - 1 Mile West
A7	ILSG40000260925	1/2 - 1 Mile West
A8	ILSG40000260924	1/2 - 1 Mile West
9	ILSG40000260926	1/2 - 1 Mile NE
11	ILSG40000261233	1/2 - 1 Mile WSW
12	ILSG40000260416	1/2 - 1 Mile SSE
13	ILSG40000259588	1/2 - 1 Mile North
B14	ILSG40000261193	1/2 - 1 Mile WSW
B15	ILSG40000261194	1/2 - 1 Mile WSW
B16	ILSG40000261256	1/2 - 1 Mile WSW
17	ILSG40000260895	1/2 - 1 Mile ESE
C18	ILSG40000260897	1/2 - 1 Mile SSE
C19	ILSG40000260896	1/2 - 1 Mile SSE
C20	ILSG40000260899	1/2 - 1 Mile SSE
C21	ILSG40000260898	1/2 - 1 Mile SSE

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

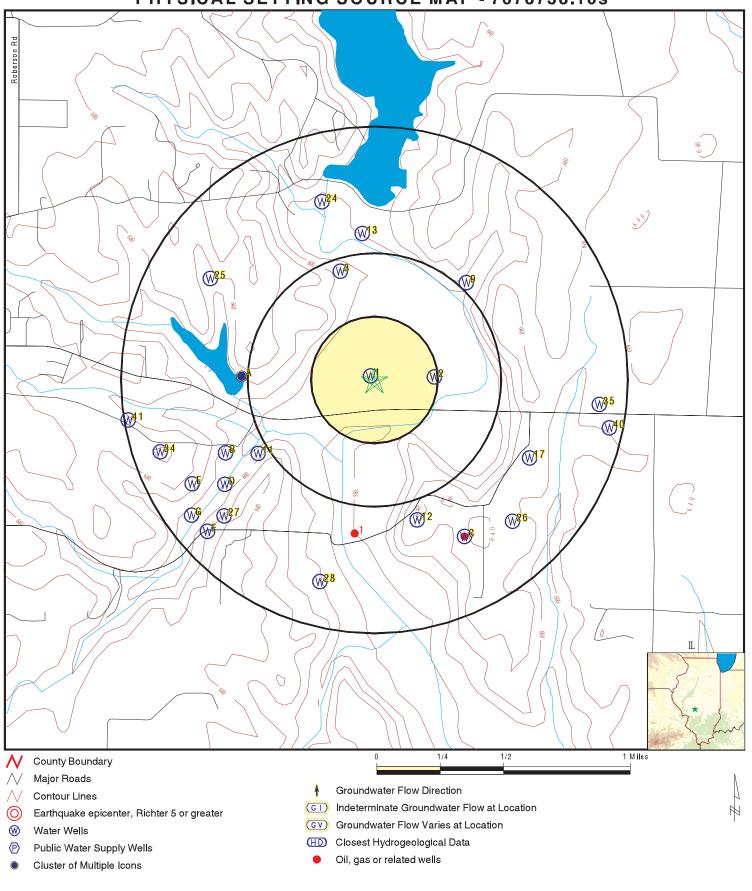
MAP ID	WELL ID	LOCATION FROM TP
D22	ĪLSG40000261195	1/2 - 1 Mile SW
D23	ILSG40000261257	1/2 - 1 Mile SW
24	ILSG40000261136	1/2 - 1 Mile NNW
25	ILSG40000261043	1/2 - 1 Mile WNW
26	ILSG40000260414	1/2 - 1 Mile SE
27	ILSG40000261258	1/2 - 1 Mile SW
28	ILSG40000261173	1/2 - 1 Mile SSW
E29	ILSG40000261192	1/2 - 1 Mile WSW
E30	ILSG40000261196	1/2 - 1 Mile WSW
E31	ILSG40000261197	1/2 - 1 Mile WSW
F32	ILSG40000260900	1/2 - 1 Mile SW
F33	ILSG40000260901	1/2 - 1 Mile SW
34	ILSG40000261200	1/2 - 1 Mile WSW
35	ILSG40000259653	1/2 - 1 Mile East
G36	ILSG40000261199	1/2 - 1 Mile SW
G37	ILSG40000261198	1/2 - 1 Mile SW
G38	ILSG40000261260	1/2 - 1 Mile SW
G39	ILSG40000261259	1/2 - 1 Mile SW
40	ILSG40000260396	1/2 - 1 Mile ESE
41	ILSG40000261234	1/2 - 1 Mile West

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ILOG30000135695	1/2 - 1 Mile South
2	ILOG30000136346	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 7678738.10s



SITE NAME: Montgomery - Ellinger Highway 16 Litchfield IL 62056 ADDRESS:

LAT/LONG: 39.176006 / 89.600831 CLIENT: Emmons & Olivier CONTACT: Patrick Joseph Conrad

INQUIRY#: 7678738.10s DATE: June 11, 2024 4:15 pm

Map ID Direction Distance

Elevation Database EDR ID Number

NW IL WELLS ILSG40000261045

0 - 1/8 Mile Higher

WELLS SGS:

Database: Water Well Records API #: 121352364000
IL SWSP #: 0 Status: Water Well Test Hole

Date Drilled: Not Reported Farm Name: 4

Well Name:4Driller:ownerElevation:0Elevation Reference:Not ReportedTotal Depth:0Lithologic Formation:Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352364000

2 East IL WELLS ILSG40000259679

1/8 - 1/4 Mile Lower

WELLS SGS:

Database: Water Well Records API #: 121350165900 IL SWSP #: 5 Status: Engineering Test

Date Drilled: 19640301060000 Farm Name: 1

Well Name: 1 Driller: owner
Elevation: 574 Elevation Reference: Ground level
Total Depth: 44 Lithologic Formation: Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121350165900

NNW IL WELLS ILSG40000261496

1/4 - 1/2 Mile Higher

WELLS SGS:

 Database:
 Water Well Records
 API #:
 121352417500

 IL SWSP #:
 451816
 Status:
 Water Well

Date Drilled: 20100907050000 Farm Name: 1

Well Name:1Driller:Haake, RalphElevation:0Elevation Reference:Not ReportedTotal Depth:30Lithologic Formation:brn & gry clay sandy

Top of Formation (ft): 15 Bottom of Formation (ft): 26

Pump Flow (gpm): 0

Map ID Direction Distance

Elevation Database EDR ID Number

A4 West 1/2 - 1 Mile Higher

IL WELLS ILSG40000260922

WELLS SGS:

Water Well Records API#: Database: 121352349200 IL SWSP #: Status: Water Well

Date Drilled: Not Reported Farm Name:

Well Name: 5 Driller: City Water Project Elevation: 602 Elevation Reference: **Digital Elevation Model**

Total Depth: 17 Not Reported Lithologic Formation:

Top of Formation (ft): 0 Bottom of Formation (ft): 0 0

Pump Flow (gpm): URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352349200

A5 West 1/2 - 1 Mile Higher

IL WELLS ILSG40000259470

WELLS SGS:

Water Well Records API#: 121350018200 Database: IL SWSP #: Status: Water Well

19000101060000 Date Drilled: Farm Name:

Well Name: Driller: Litchfield City 1

Elevation: 602 Elevation Reference: **Digital Elevation Model**

22 Total Depth: Lithologic Formation: Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft):

Pump Flow (gpm):

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121350018200

West

IL WELLS ILSG40000260923

1/2 - 1 Mile Higher

WELLS SGS:

Database: Water Well Records API#: 121352349300 IL SWSP #: Status: Water Well

Date Drilled: Not Reported Farm Name:

Litchfield City Water Project Well Name: 2 Driller: Elevation: 602 Elevation Reference: **Digital Elevation Model**

22 Total Depth: Lithologic Formation: Not Reported

0 Top of Formation (ft): Bottom of Formation (ft):

Pump Flow (gpm):

Map ID Direction Distance

Elevation Database EDR ID Number

A7 West 1/2 - 1 Mile Higher

IL WELLS ILSG40000260925

ILSG40000260924

IL WELLS

WELLS SGS:

Water Well Records API#: Database: 121352349500 IL SWSP #: Status: Water Well

Date Drilled: Not Reported Farm Name:

Well Name: 4 Driller: City Water Project 602 Elevation: Elevation Reference: Digital Elevation Model

Total Depth: 14 Not Reported Lithologic Formation:

0 Top of Formation (ft): Bottom of Formation (ft): 0

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352349500

A8 West 1/2 - 1 Mile Higher

WELLS SGS:

Water Well Records API#: 121352349400 Database: IL SWSP #: Status: Water Well

Date Drilled: Not Reported Farm Name:

Well Name: Driller: City Water Prociect 2 Elevation: 602 Elevation Reference: Digital Elevation Model

23 Total Depth: Lithologic Formation: Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): Pump Flow (gpm):

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352349400

ΝE 1/2 - 1 Mile Higher

IL WELLS ILSG40000260926

WELLS SGS:

Database: Water Well Records API#: 121352349800 IL SWSP #: Status: Water Well

Date Drilled: 19310101060000 Farm Name:

Well Name: Driller: Litchfield City 11 Elevation: 565 Elevation Reference: Ground level 23 Total Depth: Lithologic Formation: Not Reported

0 Top of Formation (ft): Bottom of Formation (ft):

Pump Flow (gpm):

Map ID Direction Distance

Database EDR ID Number Elevation

A10 West 1/2 - 1 Mile Higher

Pwsid:

Epa region: 05 State: IL

LITCHFIELD Pwsid: IL1350400 Pwsname:

Cityserved: Not Reported Stateserved: 17135 Zipserved: Not Reported Fipscounty: Status: Retpopsrvd: 6815 Active Pwssvcconn: 3212 Psource longname: Surface_water

Pwstype: **CWS** Owner: Local Govt

WELLER, RAYMOND L. WELLER, RAYMOND L. Contact: Contactorgname: 127 WEST BUCHANAN STREET Contactphone: 217-324-2250 Contactaddress1:

Contactaddress2: Not Reported Contactcity: **LITCHFIELD** 62056 Contactstate: IL Contactzip:

Pwsactivitycode: Α

IL1350400 Facid: 16795 Pwsid:

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant Facactivitycode: Trtobjective: taste / odor control

Trtprocess: gaseous chlorination, pre Factypecode: TP

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Facname: Factype: Treatment_plant

Facactivitycode: Trtobjective: taste / odor control

Trtprocess: activated carbon, powdered

Factypecode:

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Factype: Treatment_plant Facname:

Trtobjective: taste / odor control Facactivitycode:

Trtprocess: permanganate Factypecode:

16795 Pwsid: IL1350400 Facid:

TP 01-TREATMENT PLANT Facname: Factype: Treatment_plant

Facactivitycode: Trtobjective: other Trtprocess: fluoridation Factypecode:

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Factype: Facname: Treatment_plant

Facactivitycode: Trtobjective: disinfection by-products control

Trtprocess: Factypecode: ΤP coagulation

IL1350400 Pwsid: Facid: 16795

TP 01-TREATMENT PLANT Treatment_plant Facname: Factype:

Facactivitycode: Trtobjective:

disinfection by-products control

Trtprocess: flocculation Factypecode:

16795 Pwsid: IL1350400 Facid:

TP 01-TREATMENT PLANT Facname: Factype: Treatment_plant

Facactivitycode: Trtobjective: disinfection by-products control

Trtprocess: rapid mix Factypecode: TP

Pwsid: IL1350400 Facid: 16795

Factype: Facname: TP 01-TREATMENT PLANT Treatment_plant

Facactivitycode: Trtobjective: disinfection by-products control

Facid:

Trtprocess: sedimentation Factypecode: TP

IL1350400

16795

FRDS PWS

IL1350400

TP 01-TREATMENT PLANT Treatment_plant Facname: Factype: Trtobjective: disinfection by-products control

Facactivitycode:

Trtprocess: chloramines

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Treatment_plant Facname: Factype:

Facactivitycode: Trtobjective: disinfection by-products control Trtprocess: coagulation Factypecode:

Pwsid: IL1350400 16795 Facid:

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: disinfection by-products control

Trtprocess: rapid mix Factypecode:

Factypecode:

TP

16795 Pwsid: IL1350400 Facid:

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: disinfection by-products control

Trtprocess: coagulation Factypecode:

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Facname: Factype: Treatment_plant

Facactivitycode: Trtobjective: disinfection by-products control

Trtprocess: rapid mix Factypecode:

16795 Pwsid: IL1350400 Facid:

Facname: TP 01-TREATMENT PLANT Factype: Treatment plant

Facactivitycode: Trtobjective: disinfection by-products control

Trtprocess: activated carbon, powdered

Factypecode:

IL1350400 16795 Pwsid: Facid:

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: disinfection by-products control

Trtprocess: Factypecode: TP ph adjustment, pre

Pwsid: IL1350400 Facid: 16795

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant Facactivitycode: Trtobjective: disinfection

Trtprocess: gaseous chlorination, pre Factypecode: TP

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Treatment_plant Facname: Factype:

Trtobjective: Facactivitycode: iron removal Trtprocess: sedimentation Factypecode:

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Factype: Treatment_plant Facname:

iron removal Facactivitycode: Trtobjective:

Trtprocess: filtration, rapid sand Factypecode: TP

16795 Pwsid: IL1350400 Facid:

TP 01-TREATMENT PLANT Facname: Factype: Treatment_plant

Facactivitycode: Trtobjective: iron removal

Trtprocess: gaseous chlorination, pre Factypecode:

16795 Pwsid: IL1350400 Facid:

TP 01-TREATMENT PLANT Facname: Factype: Treatment_plant Trtobjective: iron removal Facactivitycode:

Trtprocess: permanganate Factypecode:

IL1350400 16795 Pwsid: Facid:

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: iron removal Trtprocess: ph adjustment, pre Factypecode:

Pwsid: IL1350400 Facid: 16795

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant Facactivitycode: Trtobjective: manganese removal

Trtprocess: gaseous chlorination, pre Factypecode:

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Treatment_plant Facname: Factype: Facactivitycode: Trtobjective: particulate removal

Factypecode: Trtprocess: coagulation

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Factype: Treatment_plant Facname:

Facactivitycode: Trtobjective: particulate removal Trtprocess: flocculation Factypecode:

Pwsid: IL1350400 Facid: 16795

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant

particulate removal Trtobjective: Facactivitycode:

Trtprocess: Factypecode: TP rapid mix

Pwsid: II 1350400 Facid: 16795

TP 01-TREATMENT PLANT Facname: Factype: Treatment_plant Facactivitycode: Trtobjective: particulate removal

Trtprocess: sedimentation Factypecode:

Pwsid: IL1350400 Facid: 16795

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: particulate removal

Trtprocess: filtration, rapid sand Factypecode: TP

Pwsid: IL1350400 16795 Facid:

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: particulate removal Trtprocess: coagulation Factypecode: TP

Pwsid: IL1350400 Facid: 16795

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant Facactivitycode: Trtobjective: particulate removal

Factypecode: Trtprocess: rapid mix TP

Pwsid: IL1350400 Facid: 16795

TP 01-TREATMENT PLANT Treatment_plant Facname: Factype: Facactivitycode: Trtobjective: particulate removal

Factypecode: Trtprocess: coagulation TP

Pwsid: IL1350400 16795 Facid:

Facname: TP 01-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: particulate removal

Trtprocess: rapid mix Factypecode: TP

IL1350400 16795 Pwsid: Facid:

TP 01-TREATMENT PLANT Factype: Treatment_plant Facname:

Facactivitycode: Trtobjective: particulate removal

Trtprocess: ph adjustment, pre Factypecode: TP

Pwsid: IL1350400 Facid: 22961

TP 02-BSTR STAT SERVING HOLIDAY INN Facname:

Facactivitycode: Factype: Treatment_plant

Trtobjective: disinfection Trtprocess: hypochlorination, post

ΤP Factypecode:

Pwsid: IL1350400 Facid: 39615

TP03-TREATMENT PLANT Facname: Factype: Treatment_plant Facactivitycode: Trtobjective: taste / odor control

Trtprocess: Factypecode: permanganate

Pwsid: IL1350400 Facid: 39615

TP03-TREATMENT PLANT Factype: Treatment_plant Facname:

Trtobjective: Facactivitycode: manganese removal

Trtprocess: permanganate Factypecode:

Pwsid: IL1350400 Facid: 39615

Facname: TP03-TREATMENT PLANT Factype: Treatment_plant

Trtobjective: taste / odor control Facactivitycode:

Trtprocess: activated carbon, powdered

Factypecode:

39615 Pwsid: IL1350400 Facid:

TP03-TREATMENT PLANT Facname: Factype: Treatment plant

Facactivitycode: Trtobjective: disinfection by-products control

Trtprocess: Factypecode: coagulation

Pwsid: IL1350400 Facid: 39615

TP03-TREATMENT PLANT Treatment_plant Facname: Factype: Facactivitycode: Trtobjective: particulate removal

Trtprocess: coagulation Factypecode:

Pwsid: IL1350400 Facid: 39615

TP03-TREATMENT PLANT Facname: Factype: Treatment_plant Facactivitycode: Trtobjective: particulate removal

Trtprocess: coagulation Factypecode: TP

Pwsid: IL1350400 39615 Facid:

Facname: TP03-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: particulate removal

Trtprocess: sedimentation Factypecode: TP

Pwsid: IL1350400 Facid: 39615

Facname: TP03-TREATMENT PLANT Factype: Treatment plant

Facactivitycode: Trtobjective: disinfection by-products control

Trtprocess: Factypecode: TP sedimentation

Pwsid: IL1350400 Facid: 39615

TP03-TREATMENT PLANT Factype: Treatment_plant Facname:

Facactivitycode: Trtobjective: other

Trtprocess: ph adjustment, pre Factypecode: TP

Pwsid: IL1350400 Facid: 39615

Facname: TP03-TREATMENT PLANT Factype: Treatment_plant

particulate removal Facactivitycode: Trtobjective:

Trtprocess: coagulation Factypecode: TP

Pwsid: IL1350400 39615 Facid:

Facname: TP03-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: disinfection

ΤP Trtprocess: gaseous chlorination, pre Factypecode:

Pwsid: IL1350400 Facid: 39615

TP03-TREATMENT PLANT Facname: Factype: Treatment_plant

Facactivitycode: Trtobjective: particulate removal

Trtprocess: filtration, rapid sand Factypecode:

Pwsid: IL1350400 Facid: 39615

Treatment_plant Facname: TP03-TREATMENT PLANT Factype: Facactivitycode: Trtobjective: disinfection

Trtprocess: gaseous chlorination, post

Factypecode:

Pwsid: IL1350400 Facid: 39615

Facname: TP03-TREATMENT PLANT Factype: Treatment_plant

Trtobjective: disinfection by-products control Facactivitycode:

chloramines Trtprocess: Factypecode:

Pwsid: IL1350400 Facid: 39615

Facname: TP03-TREATMENT PLANT Factype: Treatment_plant

Facactivitycode: Trtobjective: other fluoridation Trtprocess: Factypecode:

Pwsid: IL1350400 Facid: 39615

TP03-TREATMENT PLANT Treatment_plant Facname: Factype: Trtobjective: organics removal

Facactivitycode:

Trtprocess: activated carbon, powdered

Factypecode:

PWS ID: LITCHFIELD IL1350400 PWS name: Address: Not Reported Care of: Not Reported

N LITCHFIELD TWP City: State:

Zip: 62056 Owner: LITCHFIELD Source code: Surface water Population: 6882

PWS ID: IL1350400 PWS type: Not Reported PWS name: Not Reported PWS address: Not Reported PWS city: Not Reported PWS state: Not Reported PWS zip: Not Reported County: MONTGOMERY

DISINFECTION BY-PRODUCTS CONTROL Surface water Treatment Objective: Source:

ACTIVATED CARBON, POWDERED Process:

Population: 7518

County: **MONTGOMERY** Source: Surface water

DISINFECTION BY-PRODUCTS CONTROL Treatment Objective:

Process: **CHLORAMINES** Population: 7518

County: **MONTGOMERY** Source: Surface water DISINFECTION BY-PRODUCTS CONTROL

Treatment Objective: COAGULATION 7518

Process: Population:

MONTGOMERY Surface water County: Source:

Treatment Objective: **DISINFECTION BY-PRODUCTS CONTROL** Process: FILTRATION, RAPID SAND Population: 7518

MONTGOMERY Source: Surface water County: DISINFECTION BY-PRODUCTS CONTROL Treatment Objective:

Process: **FLOCCULATION** Population: 7518

County: **MONTGOMERY** Source: Surface water

Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL

Process: RAPID MIX Population: 7518

County: MONTGOMERY Source: Surface water

Treatment Objective: DISINFECTION BY-PRODUCTS CONTROL

Process: **SEDIMENTATION** Population: 7518

MONTGOMERY Surface water County: Source: Treatment Objective: DISINFECTION Process: **CHLORAMINES**

7518 Population:

County: MONTGOMERY Source: Surface water

Treatment Objective: GASEOUS CHLORINATION, PRE DISINFECTION Process:

Population: 7518

County: MONTGOMERY Source: Surface water

Treatment Objective: IRON REMOVAL Process: FILTRATION, RAPID SAND

Population: 7518

MONTGOMERY County: Source: Surface water

Treatment Objective: IRON REMOVAL Process: **SEDIMENTATION**

Population: 7518

MONTGOMERY Source: Surface water County:

Treatment Objective: **IRON REMOVAL** Process: PH ADJUSTMENT, PRE

Population: 7518

MONTGOMERY County: Source: Surface water

Treatment Objective: PARTICULATE REMOVAL Process: COAGULATION

Population: 7518

MONTGOMERY County: Source: Surface water

FILTRATION, RAPID SAND Treatment Objective: PARTICULATE REMOVAL Process:

Population: 7518

MONTGOMERY County: Source: Surface water

Treatment Objective: PARTICULATE REMOVAL **FLOCCULATION** Process:

Population: 7518

MONTGOMERY Source: Surface water County:

Treatment Objective: PARTICULATE REMOVAL Process: RAPID MIX

Population: 7518

County: MONTGOMERY Source: Surface water

Treatment Objective: PARTICULATE REMOVAL Process: **SEDIMENTATION**

Population: 7518

MONTGOMERY Source: Surface water County:

Treatment Objective: PARTICULATE REMOVAL Process: PH ADJUSTMENT, PRE Population: 7518

MONTGOMERY County: Source: Surface water ACTIVATED CARBON, POWDERED

Treatment Objective: TASTE / ODOR CONTROL Process: Population: 7518

MONTGOMERY Source: Surface water County:

Treatment Objective: TASTE / ODOR CONTROL GASEOUS CHLORINATION, PRE Process:

Population: 7518

MONTGOMERY County: Source: Surface water

Treatment Objective: TASTE / ODOR CONTROL PERMANGANATE Process:

Population: 7518

MONTGOMERY Source: Surface water County:

FLUORIDATION Treatment Objective: Ζ Process:

7518 Population:

PWS ID: IL1350400 Activity status: Active Date system activated: 7301 Date system deactivated: Not Reported 00006600 System name: LITCHFIELD Retail population:

System address: Not Reported System city: N LITCHFIELD TWP

System state: IL System zip: 62056

County FIPS: Not Reported City served: N LITCHFIELD TWP

Population served: 5,001 - 10,000 Persons Treatment: Treated

Latitude: 391113 Longitude: 0893605

Latitude: 391032 Longitude: 0893639

State:ILLatitude degrees:39Latitude minutes:10Latitude seconds:32.0000Longitude degrees:89Longitude minutes:36

Longitude seconds: 39.0000

State:ILLatitude degrees:39Latitude minutes:11Latitude seconds:13.0000Longitude degrees:89Longitude minutes:36

Longitude seconds: 5.0000

PWS currently has or had major violation(s) or enforcement. Yes

Violation ID: 9321546 Violation source ID: 000

PWS telephone: Not Reported Contaminant: Not Reported

Violation type: Monitoring, Routine/Repeat (SWTR-Filter)

Violation start date:070193Violation end date:073193Violation period (months):001Violation awareness date:Not ReportedMajor violator:YesMaximum contaminant level:Not Reported

Number of required samples: 056 Number of samples taken: 022

Analysis method: Not Reported Analysis result: Not Reported

11 WSW IL WELLS ILSG40000261233

1/2 - 1 Mile Higher

WELLS SGS:

Database: Water Well Records API #: 121352387400

IL SWSP #: 303105 Status: Water Well Monitoring Well

Date Drilled: 19980508050000 Farm Name: G140

Well Name: G140 Driller: A E Exploration Corp.

Elevation: 582 Elevation Reference: Not Reported Total Depth: 32 Lithologic Formation: limestone Top of Formation (ft): 27 Bottom of Formation (ft): 28

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352387400

12 SSE IL WELLS ILSG40000260416

1/2 - 1 Mile Higher

WELLS SGS:

Database: Water Well Records API #: 121352291700 IL SWSP #: Status: Water Well

Date Drilled:19770622050000Farm Name:Not ReportedWell Name:Not ReportedDriller:Beasley, Eugene B.Elevation:0Elevation Reference:Not Reported

Total Depth: 55 Lithologic Formation: sand Top of Formation (ft): 32 Bottom of Formation (ft): 37

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352291700

13
North
IL WELLS
ILSG40000259588
1/2 - 1 Mile

Higher

WELLS SGS:

Database: Water Well Records API #: 121350110400
IL SWSP #: 0 Status: Engineering Test

Date Drilled: 19580701050000 Farm Name: 1

Well Name: 1 Driller: owner
Elevation: 587 Elevation Reference: Ground level
Total Depth: 30 Lithologic Formation: Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121350110400

B14
WSW
IL WELLS
ILSG40000261193
1/2 - 1 Mile

WELLS SGS:

Higher

Database: Water Well Records API #: 121352383300

IL SWSP #: 302554 Status: Water Well Monitoring Well

Date Drilled: 19980109060000 Farm Name: G-141

Well Name: G-141 Driller: A E Exploration Corp.

Elevation: 583 Elevation Reference: Not Reported Total Depth: 20 Lithologic Formation: shale

Top of Formation (ft): 19 Bottom of Formation (ft): Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352383300

B15
WSW
IL WELLS
ILSG40000261194
1/2 - 1 Mile

Higher

WELLS SGS:

Database: Water Well Records API #: 121352383400

IL SWSP #: 302555 Status: Water Well Monitoring Well

Date Drilled: 19980120060000 Farm Name: G-142

Well Name: G-142 Driller: A E Exploration Corp.

Elevation: 589 Elevation Reference: Not Reported Total Depth: 31 Lithologic Formation: shale Top of Formation (ft): 29 Bottom of Formation (ft): 31

Pump Flow (gpm): 0

Map ID Direction Distance

Elevation Database EDR ID Number

B16
WSW
IL WELLS
ILSG40000261256
1/2 - 1 Mile

Higher

WELLS SGS:

Database: Water Well Records API #: 121352389700

IL SWSP #: 308270 Status: Water Well Monitoring Well

Date Drilled: 19981123060000 Farm Name: R141

Well Name:R141Driller:A E Exploration Corp.Elevation:583Elevation Reference:Not ReportedTotal Depth:25Lithologic Formation:limestone gravel

Top of Formation (ft): 22 Bottom of Formation (ft): 23

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352389700

17
ESE
IL WELLS
1/2 - 1 Mile

WELLS SGS:

Higher

Database: Water Well Records API #: 121352344800

 IL SWSP #:
 0
 Status:
 Water Well

 Date Drilled:
 19310101060000
 Farm Name:
 24

Date Drilled:19310101060000Farm Name:24Well Name:24Driller:LitchfieldElevation:630Elevation Reference:Ground levelTotal Depth:43Lithologic Formation:Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352344800

C18
SSE
IL WELLS
ILSG40000260897

1/2 - 1 Mile Higher

WELLS SGS:

Database: Water Well Records API #: 121352345000

 IL SWSP #:
 0
 Status:
 Water Well

 Date Drilled:
 19310101060000
 Farm Name:
 26

Well Name: 26 Driller: Litchfield
Elevation: 600 Elevation Reference: Ground level
Total Depth: 14 Lithologic Formation: Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352345000

ILSG40000260895

Map ID Direction Distance

Elevation ____ Database EDR ID Number

C19
SSE
IL WELLS
ILSG40000260896

1/2 - 1 Mile Higher

WELLS SGS:

Database: Water Well Records API #: 121352344900
IL SWSP #: 0 Status: Water Well

Date Drilled: 19310101060000 Farm Name: 6

Well Name:6Driller:LitchfieldElevation:575Elevation Reference:Ground levelTotal Depth:17Lithologic Formation:Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0 Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352344900

C20 SSE IL WELLS ILSG40000260899 1/2 - 1 Mile

Higher

WELLS SGS:

Database: Water Well Records API #: 121352345200
IL SWSP #: Status: Water Well

19310101060000 Date Drilled: Farm Name: 27 Well Name: Driller: Litchfield 27 Elevation: 590 Elevation Reference: Ground level 12 Total Depth: Lithologic Formation: Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm):

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352345200

C21
SSE IL WELLS ILSG40000260898

1/2 - 1 Mile Higher

WELLS SGS:

Database: Water Well Records API #: 121352345100
IL SWSP #: 0 Status: Water Well

Date Drilled: 19310101060000 Farm Name: 7

Well Name:7Driller:LitchfieldElevation:555Elevation Reference:Ground levelTotal Depth:23Lithologic Formation:Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm): 0

Map ID Direction Distance

Elevation Database EDR ID Number

SW 1/2 - 1 Mile

D22

IL WELLS ILSG40000261195

Higher

WELLS SGS:

Database: Water Well Records API #: 121352383500

IL SWSP #: 302556 Status: Water Well Monitoring Well

Date Drilled: 19980119060000 Farm Name: G-143

Well Name: G-143 Driller: A E Exploration Corp.

Elevation: 576 Elevation Reference: Not Reported Total Depth: 11 Lithologic Formation: limestone

Top of Formation (ft): 6 Bottom of Formation (ft): 11

Pump Flow (gpm): 0
URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352383500

D23 SW IL WELLS ILSG40000261257

1/2 - 1 Mile Higher

WELLS SGS:

Database: Water Well Records API #: 121352389800

IL SWSP #: 308271 Status: Water Well Monitoring Well

Date Drilled: 19981120060000 Farm Name: T149

Well Name:T149Driller:A E Exploration Corp.Elevation:584Elevation Reference:Not Reported

Total Depth: 20 Lithologic Formation: Is competent cobbles

Top of Formation (ft): 12 Bottom of Formation (ft): 20 Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352389800

24 NNW IL WELLS ILSG40000261136

1/2 - 1 Mile

Lower

WELLS SGS:

Database: Water Well Records API #: 121352375200
IL SWSP #: 0 Status: Engineering Test

Date Drilled:Not ReportedFarm Name:Not ReportedWell Name:Not ReportedDriller:ownerElevation:0Elevation Reference:Not ReportedTotal Depth:0Lithologic Formation:Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm): 0

Map ID Direction Distance

Elevation Database EDR ID Number

25 WNW 1/2 - 1 Mile Higher

IL WELLS ILSG40000261043

WELLS SGS:

Database: Water Well Records API #: 121352363600
IL SWSP #: Status: Water Well

Date Drilled: 19310101060000 Farm Name:

Well Name:1Driller:Not ReportedElevation:570Elevation Reference:Ground levelTotal Depth:24Lithologic Formation:Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0 Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352363600

SE 1/2 - 1 Mile Higher

SE IL WELLS ILSG40000260414

WELLS SGS:

Water Well Records API#: 121352291500 Database: IL SWSP #: Status: Water Well 19790820050000 Date Drilled: Farm Name: Not Reported Well Name: Not Reported Driller: Beasley, Eugene B. Elevation: 0 Elevation Reference: Not Reported gravel

Total Depth: 45 Lithologic Formation: grav Top of Formation (ft): 18 Bottom of Formation (ff): 36

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352291500

SW 1/2 - 1 Mile Higher

SW IL WELLS ILSG40000261258

WELLS SGS:

Database: Water Well Records API #: 121352389900

IL SWSP #: 308272 Status: Water Well Monitoring Well

Date Drilled: 19981119060000 Farm Name: T150

Well Name: T150 Driller: A E Exploration Corp.

Elevation: 577 Elevation Reference: Not Reported
Total Depth: 12 Lithologic Formation: limestone
Top of Formation (ft): 5 Bottom of Formation (ft): 12

Pump Flow (gpm): 0

Map ID Direction Distance

Elevation Database EDR ID Number

28 SSW 1/2 - 1 Mile Higher

IL WELLS ILSG40000261173

WELLS SGS:

API#: 121352381000 Database: Water Well Records IL SWSP #: Status: Water Well Date Drilled: 19960816050000 Farm Name: Not Reported Well Name: Not Reported Driller: Walters, Steven Elevation: Elevation Reference: Not Reported 0 Total Depth: 51 gravel Lithologic Formation: Top of Formation (ft): 28 Bottom of Formation (ft): 41

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352381000

E29
WSW
IL WELLS
ILSG40000261192

1/2 - 1 Mile Higher

WELLS SGS:

Database: Water Well Records API #: 121352383200

IL SWSP #: 302553 Status: Water Well Monitoring Well

Date Drilled: 19980119060000 Farm Name: A-101

Well Name:A-101Driller:A E Exploration Corp.Elevation:581Elevation Reference:Not ReportedTotal Depth:14Lithologic Formation:limestone/sandstone

Top of Formation (ft): 13 Bottom of Formation (ft): 14

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352383200

E30
WSW
IL WELLS
ILSG40000261196
1/2 - 1 Mile

Higher

WELLS SGS:

Database: Water Well Records API #: 121352383600

IL SWSP #: 302557 Status: Water Well Monitoring Well

Date Drilled: 19980119060000 Farm Name: G-144

Well Name: G-144 Driller: A E Exploration Corp.

Elevation: 583 Elevation Reference: Not Reported Total Depth: 15 Lithologic Formation: shale Top of Formation (ft): 12 Bottom of Formation (ft): 15

Pump Flow (gpm): 0

Map ID Direction Distance

Elevation Database EDR ID Number

E31 WSW 1/2 - 1 Mile Higher

IL WELLS ILSG40000261197

WELLS SGS:

Database: Water Well Records API #: 121352383700

IL SWSP #: 302558 Status: Water Well Monitoring Well

Date Drilled: 19980113060000 Farm Name: G-145

Well Name: G-145 Driller: A E Exploration Corp.

Elevation:584Elevation Reference:Not ReportedTotal Depth:15Lithologic Formation:shaleTop of Formation (ft):11Bottom of Formation (ft):15

Pump Flow (gpm): 0
URL: 0
https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352383700

F32 SW IL WELLS 1/2 - 1 Mile Higher

ILSG40000260900

WELLS SGS:

 Database:
 Water Well Records
 API #:
 121352345300

 IL SWSP #:
 0
 Status:
 Water Well

IL SWSP #: 0 Status: Water Well Date Drilled: 19310101060000 Farm Name: 4

Well Name: 4 Driller: Litchfield
Elevation: 575 Elevation Reference: Ground level
Total Depth: 13 Litchlogic Formation: Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352345300

F33 SW IL WELLS ILSG40000260901 1/2 - 1 Mile

WELLS SGS:

Higher

Database: Water Well Records API #: 121352345400
IL SWSP #: 0 Status: Water Well

Date Drilled:Not ReportedFarm Name:5Well Name:5Driller:LitchfieldElevation:575Elevation Reference:Ground levelTotal Depth:17Lithologic Formation:Not Reported

Top of Formation (ft): 0 Bottom of Formation (ft): 0

Pump Flow (gpm): 0

Map ID Direction Distance

Elevation Database EDR ID Number

34 WSW 1/2 - 1 Mile Higher

IL WELLS ILSG40000261200

WELLS SGS:

Database: Water Well Records API #: 121352384000

IL SWSP #: 302531 Status: Water Well Monitoring Well

Date Drilled: 19980109060000 Farm Name: R-133

Well Name: R-133 Driller: A E Exploration Corp.

Elevation:651Elevation Reference:Not ReportedTotal Depth:58Lithologic Formation:limestone

Top of Formation (ft): 54 Bottom of Formation (ft): 58 Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352384000

East 1/2 - 1 Mile Higher

East IL WELLS ILSG40000259653

WELLS SGS:

 Database:
 Water Well Records
 API #:
 121350162800

 IL SWSP #:
 0
 Status:
 Water Well

 Date Drilled:
 19680615050000
 Farm Name:
 1

 Well Name:
 1
 Driller:
 owner

Elevation:0Elevation Reference:Not ReportedTotal Depth:16Lithologic Formation:sandTop of Formation (ft):9Bottom of Formation (ft):12

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121350162800

G36 SW IL WELLS ILSG40000261199

1/2 - 1 Mile Higher

WELLS SGS:

Database: Water Well Records API #: 121352383900

IL SWSP #: 302560 Status: Water Well Monitoring Well

Date Drilled: 19980112060000 Farm Name: G-147

Well Name: G-147 Driller: A E Exploration Corp.

Elevation:586Elevation Reference:Not ReportedTotal Depth:22Lithologic Formation:shaleTop of Formation (ft):16Bottom of Formation (ft):22

Pump Flow (gpm): 0

Map ID Direction Distance

Elevation Database EDR ID Number

SW 1/2 - 1 Mile

G37

IL WELLS ILSG40000261198

Higher

WELLS SGS:

Database: Water Well Records API #: 121352383800

IL SWSP #: 302559 Status: Water Well Monitoring Well

Date Drilled: 19980112060000 Farm Name: G-146

Well Name: G-146 Driller: A E Exploration Corp.

Elevation:588Elevation Reference:Not ReportedTotal Depth:19Lithologic Formation:shaleTop of Formation (ft):16Bottom of Formation (ft):19

Pump Flow (gpm): 16 Bottom of Formation (ft): 19

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352383800

SW 1/2 - 1 Mile Higher

SW IL WELLS ILSG40000261260

WELLS SGS:

Database: Water Well Records API #: 121352390100

IL SWSP #: 308274 Status: Water Well Monitoring Well

Date Drilled: 19981117060000 Farm Name: T152

Well Name:T152Driller:A E Exploration Corp.Elevation:584Elevation Reference:Not ReportedTotal Depth:16Lithologic Formation:limestone gvl/cobble

Top of Formation (ft): 7 Bottom of Formation (ft): 12

Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352390100

SW 1/2 - 1 Mile Higher

G39 SW IL WELLS ILSG40000261259

WELLS SGS:

Database: Water Well Records API #: 121352390000

IL SWSP #: 308273 Status: Water Well Monitoring Well

Date Drilled: 19981117060000 Farm Name: T151

Well Name:T151Driller:A E Exploration Corp.Elevation:581Elevation Reference:Not ReportedTotal Depth:14Lithologic Formation:limestone & gravel

Top of Formation (ft): 7 Bottom of Formation (ft): 12

Pump Flow (gpm): 0

Map ID Direction Distance

Elevation Database EDR ID Number

40 ESE 1/2 - 1 Mile Higher

IL WELLS ILSG40000260396

WELLS SGS:

Water Well Records API#: 121352289700 Database: IL SWSP #: Status: Water Well Date Drilled: 19781124060000 Farm Name: Not Reported Well Name: Not Reported Driller: Beasley, Eugene B. Elevation: 0 Elevation Reference: Not Reported

Total Depth: 22 Lithologic Formation: sand Top of Formation (ft): 18 Bottom of Formation (ft): 22 Pump Flow (gpm): 0

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121352289700

41 West 1/2 - 1 Mile Higher

IL WELLS ILSG40000261234

WELLS SGS:

Database: Water Well Records API #: 121352387500

IL SWSP #: 303106 Status: Water Well Monitoring Well

Date Drilled: 19980305060000 Farm Name: G148

Well Name: G148 Driller: A E Exploration Corp.

Elevation:659Elevation Reference:Not ReportedTotal Depth:76Lithologic Formation:limestoneTop of Formation (ft):71Bottom of Formation (ft):76

Pump Flow (gpm): 0

Map ID Direction Distance

Database **EDR ID Number**

South OIL_GAS ILOG30000135695 1/2 - 1 Mile

API#: 121350087100 Permit ID: 1219

Permit Date: 19570529050000 Well Status: Dry and Abandoned, No Shows, Plugged

19570601050000 740 Max Depth: Date Completed: Not Reported Company Name: Ridgeway Edward S Formation:

Well Name: Sharp Well #:

Elevation: 555 Elevation Reference: Not Reported Logs: Not Reported ILStrat URL: Not Reported

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?oilsummary&121350087100

SSE 1/2 - 1 Mile OIL_GAS ILOG30000136346

API#: Permit ID: 121352344700 Not Reported Well Status: Unknown Permit Date: Not Reported

Max Depth: Date Completed: 19310101060000 30

Formation: Not Reported Company Name: Litchfield Well Name: Litchfield, City Of Well #:

Elevation Reference:

Elevation: 560 Not Reported Not Reported Logs: Not Reported ILStrat URL:

AREA RADON INFORMATION

State Database: IL Radon

Radon Test Results

Zipcode Result — — 62056 0.7

Federal EPA Radon Zone for MONTGOMERY County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

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

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 62056

Number of sites tested: 1

 Area
 Average Activity
 % <4 pCi/L</th>
 % 4-20 pCi/L
 % >20 pCi/L

Living Area - 1st Floor 2.000 pCi/L 100% 0% 0%

Living Area - 2nd Floor Not Reported Not Reported Not Reported Not Reported

Basement 1.400 pCi/L 100% 0% 0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

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

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory Source: Illinois State Geological Survey

Telephone: 217-333-4747

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

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

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

OTHER STATE DATABASE INFORMATION

Oil and Gas Wells Listing

Source: Illinois State Geological Survey

Telephone: 217-333-5109

Oil and gas wells location points from the Illinois State Geological Survey database.

Water Well Records

Source: Illinois Geological Survey Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)

Source: Illinois State Water Survey

Telephone: 217-333-9043

Water Well Location Information

Source: Illinois Environmental Protection Agency

Telephone: 217-782-0810

RADON

State Database: IL Radon

Source: Department of Nuclear Safety

Telephone: 217-785-9958 County Radon Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

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

radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Montgomery - Ellinger

Highway 16 Litchfield, IL 62056

Inquiry Number: 7678738.13

June 12, 2024

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

06/12/24

Site Name: Client Name:

Montgomery - Ellinger Emmons & Olivier
Highway 16 1919 University Ave
Litchfield, IL 62056 St. Paul, MN 55104

EDR Inquiry # 7678738.13 Contact: Patrick Joseph Conrad



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1998	1"=500'	Acquisition Date: April 11, 1998	USGS/DOQQ
1988	1"=500'	Flight Date: March 30, 1988	USGS
1986	1"=500'	Flight Date: March 21, 1986	USGS
1976	1"=500'	Flight Date: May 04, 1976	USGS
1973	1"=500'	Flight Date: February 04, 1973	USGS
1956	1"=500'	Flight Date: April 04, 1956	USGS
1938	1"=500'	Flight Date: October 21, 1938	USDA

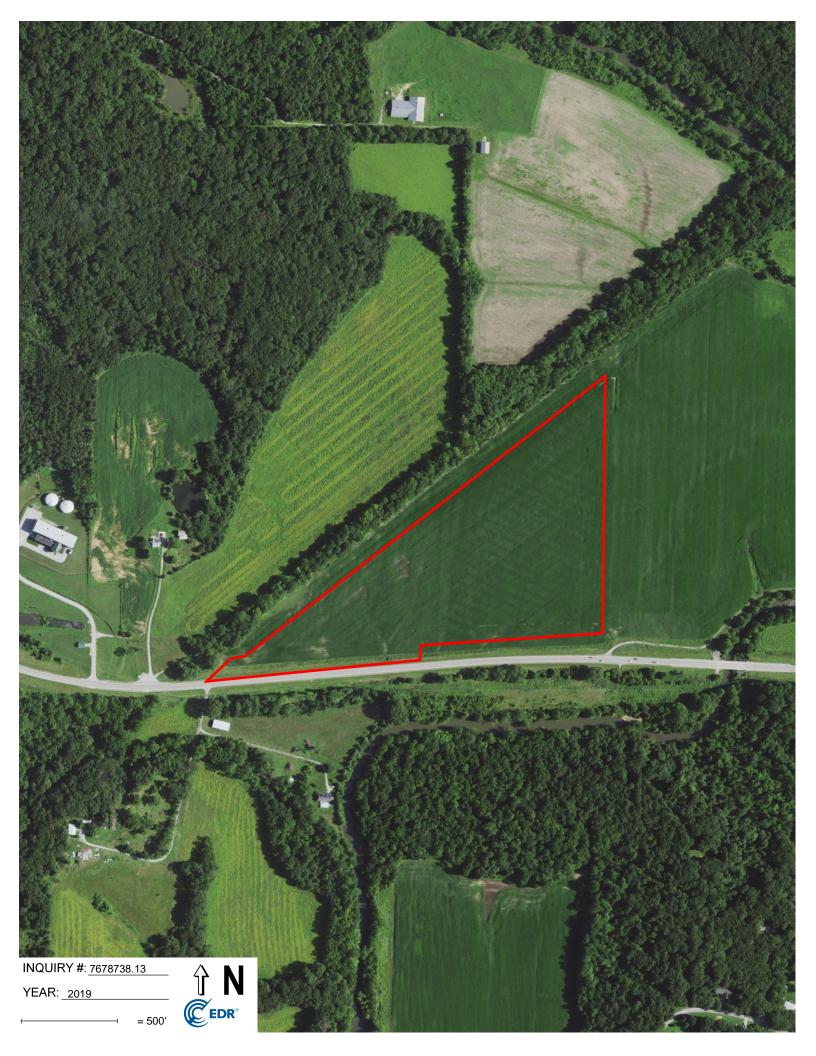
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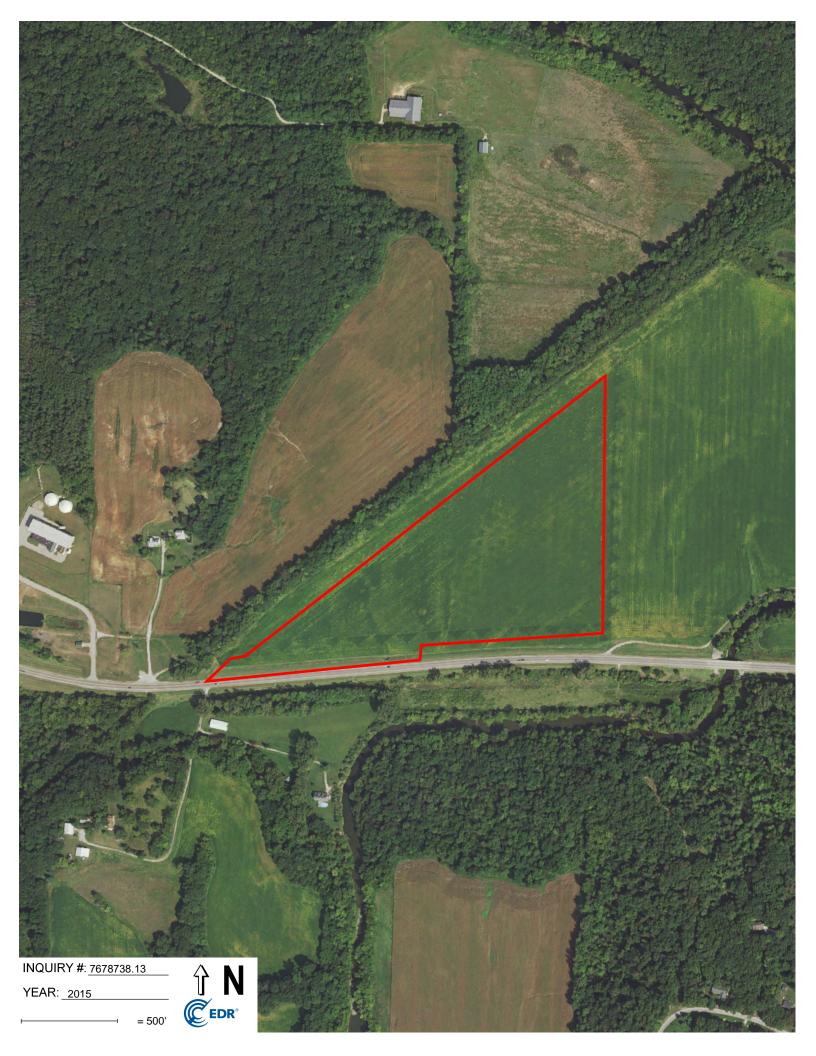
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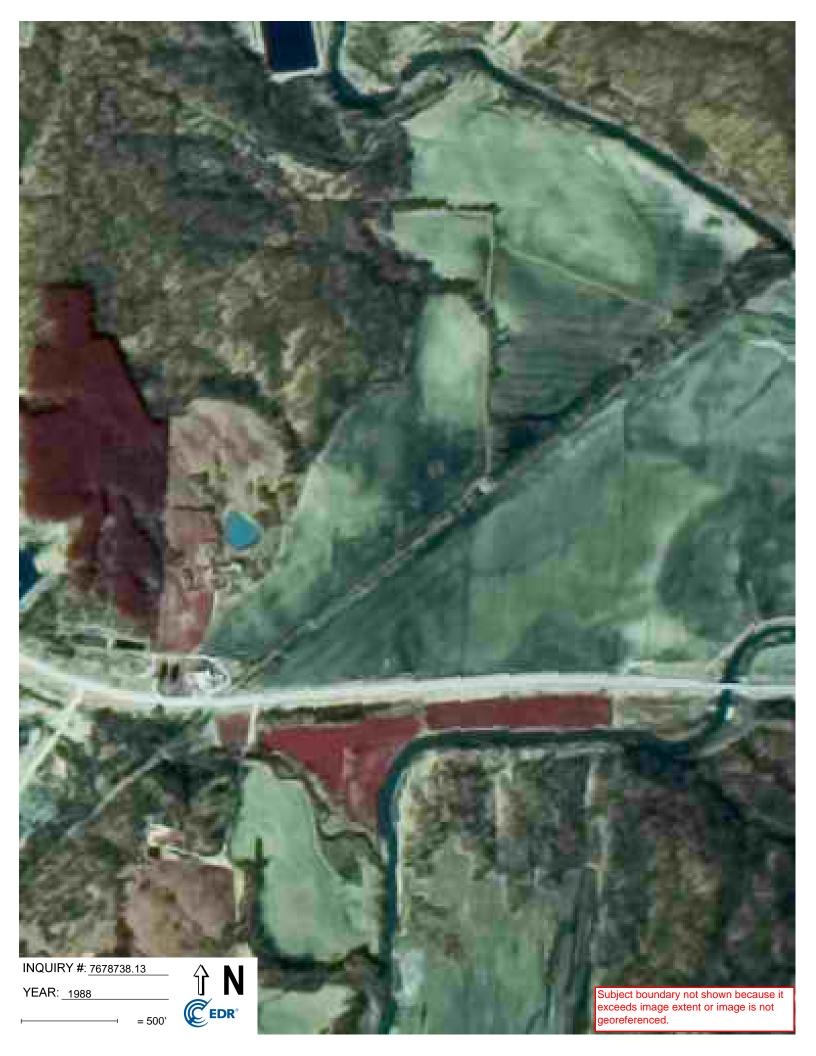








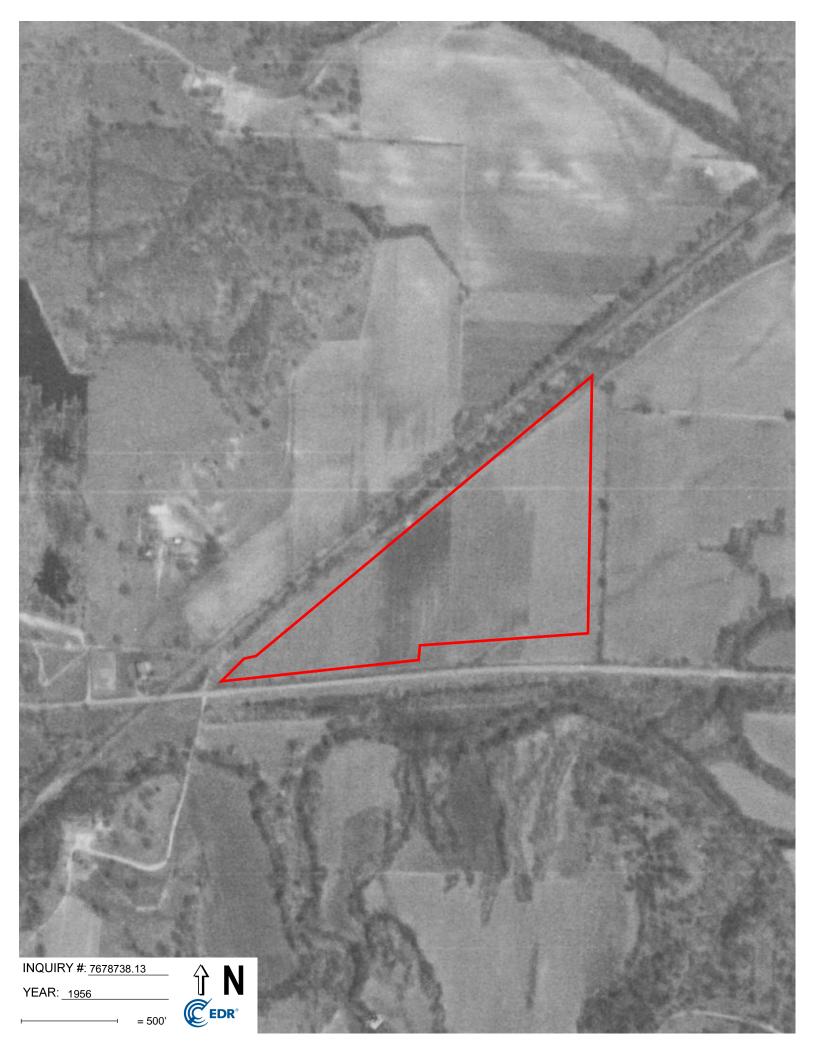


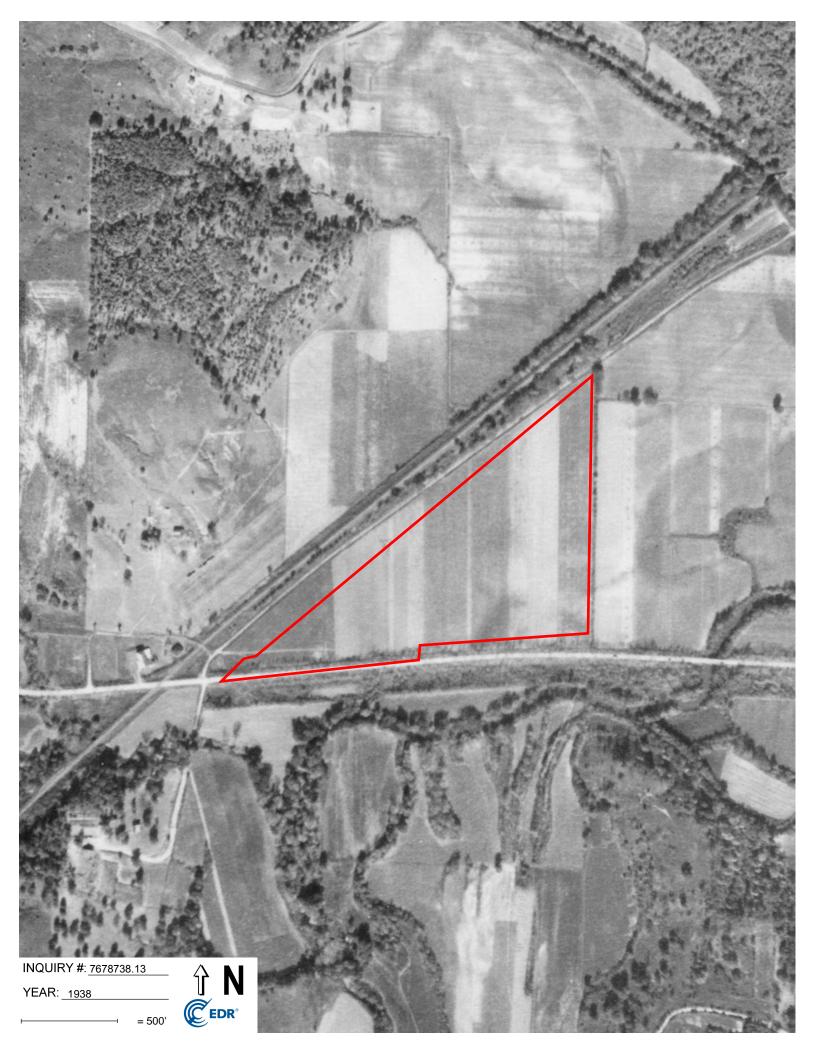












Montgomery - Ellinger Highway 16 Litchfield, IL 62056

Inquiry Number: 7678738.16

June 11, 2024

EDR Historical Topo Map Report

with QuadMatch™



EDR Historical Topo Map Report

06/11/24

Site Name: Client Name:

Montgomery - Ellinger Emmons & Olivier
Highway 16 1919 University Ave
Litchfield, IL 62056 St. Paul, MN 55104



EDR Inquiry # 7678738.16 Contact: Patrick Joseph Conrad

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Emmons & Olivier were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

lts:	Coordinates:	
1507-0013	Latitude:	39.176006 39° 10' 34" North
Montgomery Ellinger	Longitude:	-89.600831 -89° 36' 3" West
	UTM Zone:	Zone 16 North
	UTM X Meters:	275332.76
	UTM Y Meters:	4339530.85
	Elevation:	572.38' above sea level
	1507-0013	1507-0013 Montgomery Ellinger Longitude: UTM Zone: UTM X Meters: UTM Y Meters:

Maps Provided:

20212018

2015

2012

1998

1974

1944

1915

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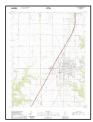
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2021 Source Sheets



Butler 2021 7.5-minute, 24000



Litchfield 2021 7.5-minute, 24000

2018 Source Sheets



Butler 2018 7.5-minute, 24000



Litchfield 2018 7.5-minute, 24000

2015 Source Sheets



Butler 2015 7.5-minute, 24000



Litchfield 2015 7.5-minute, 24000

2012 Source Sheets



Butler 2012 7.5-minute, 24000



Litchfield 2012 7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1998 Source Sheets



Butler 1998 7.5-minute, 24000 Aerial Photo Revised 1998

1974 Source Sheets



Litchfield 1974 7.5-minute, 24000 Aerial Photo Revised 1973



Butler 1974 7.5-minute, 24000 Aerial Photo Revised 1973

1944 Source Sheets

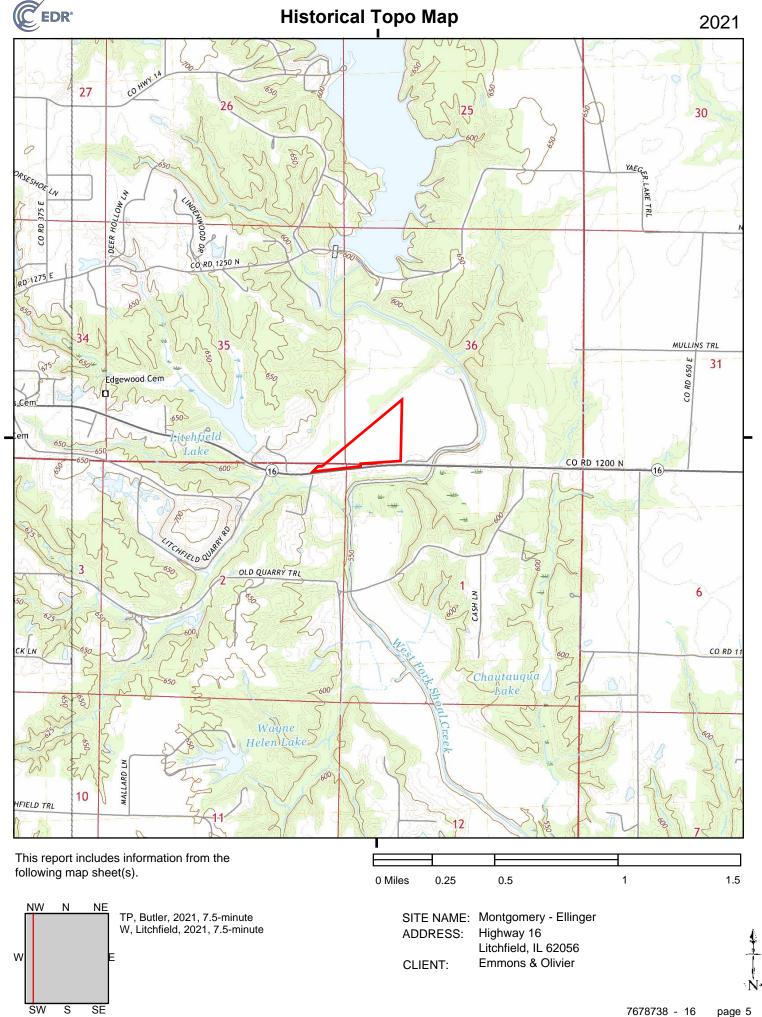


Mount Olive 1944 15-minute, 62500

1915 Source Sheets



Mount Olive 1915 15-minute, 62500



S

Emmons & Olivier

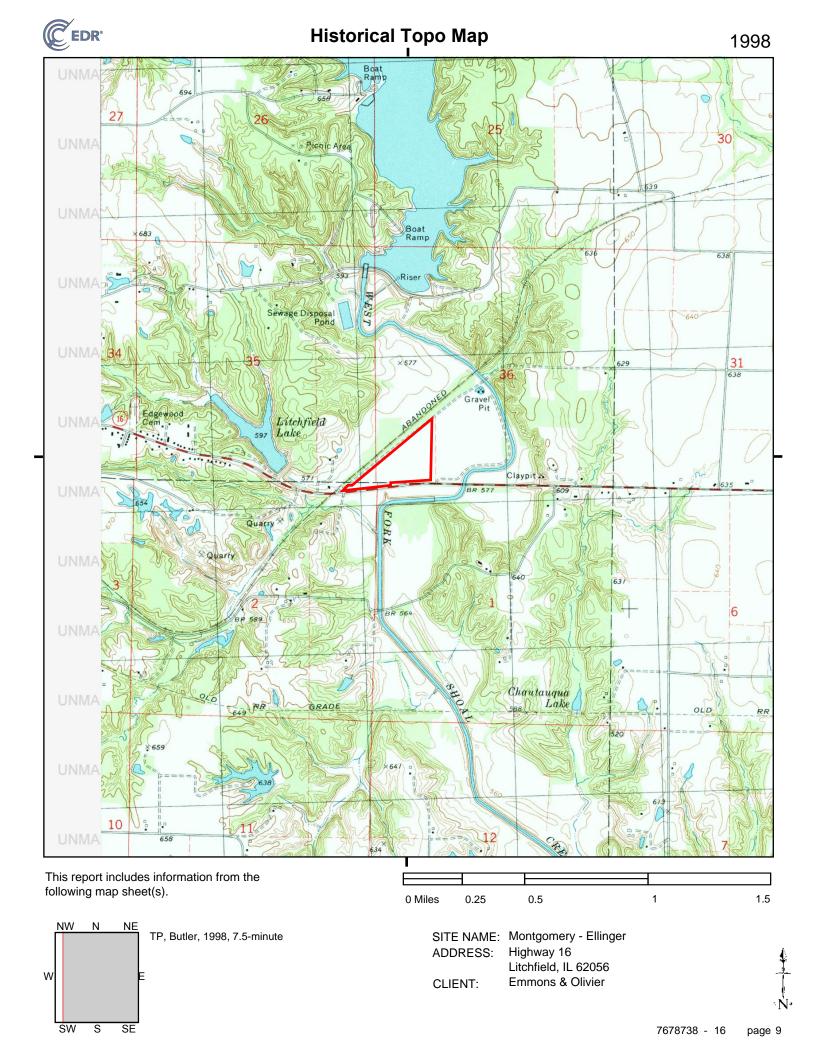
CLIENT:

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Litchfield, IL 62056 Emmons & Olivier

CLIENT:

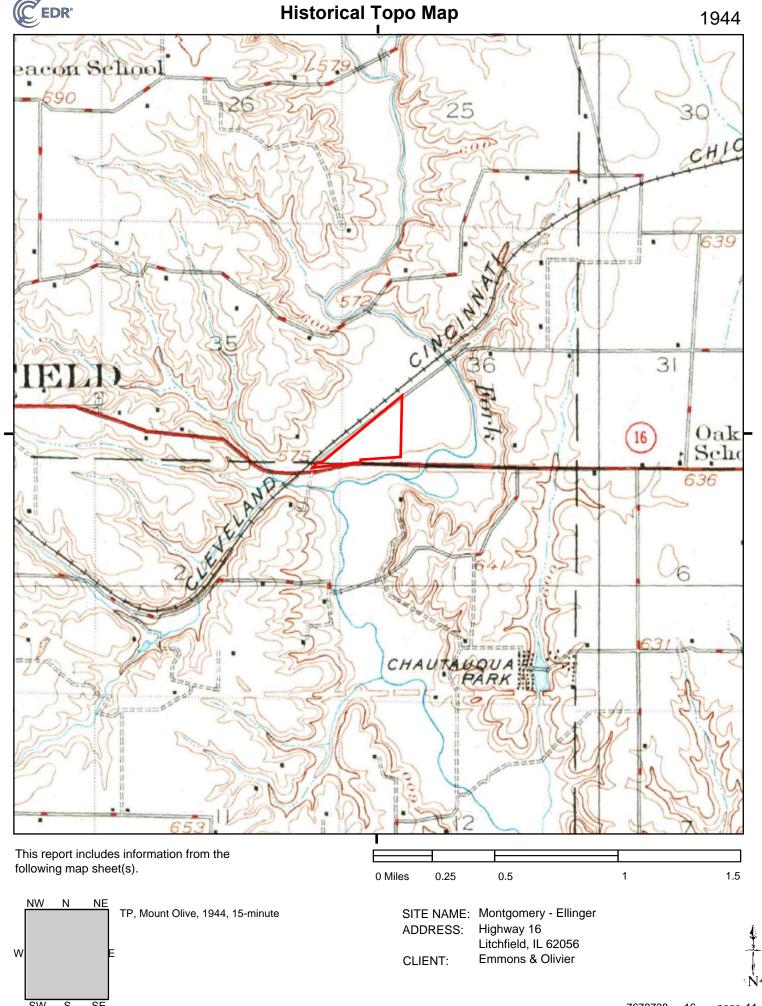
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Emmons & Olivier

CLIENT:

S



NW N NE
TP, Mount Olive, 1915, 15-minute

following map sheet(s).

SITE NAME: Montgomery - Ellinger

0.5

ADDRESS: Highway 16

0.25

0 Miles

Litchfield, IL 62056

CLIENT: Emmons & Olivier

1.5



Order Number: 79-358137-47

Project Number: 1507-0014-EL1

Site Name:

Subject Property:
MONTGOMERY ELLINGER SOLAR
E IL-16
LITCHFIELD, IL 62056

Effective: 06/21/2024

Completed: 07/03/2024

AFX RESEARCH, LLC

Order #: 79-358137-47 | Project #: 1507-0014-EL1 | Completed: 07/03/2024 | Effective: 06/21/2024

SOURCES SEARCHED

Source 1: MONTGOMERY COUNTY RECORDER'S OFFICE

Source 2: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Examiner Notes: NOTICE: JUDICIAL RECORDS NOT SEARCHED. BASED ON AVAILABLE INFORMATION EVALUATED

BY THE TITLE SEARCH PROFESSIONAL, THE JURISDICTION DOES NOT REQUIRE A SEARCH OF

JUDICIAL RECORDS IN ORDER TO IDENTIFY ENVIRONMENTAL LIENS.

TARGET PROPERTY

Site Name: MONTGOMERY ELLINGER SOLAR

Current Owner(s): DUSTIN ELLINGER AND DEE ELLINGER

Street Address: E IL-16

City, State Zip Code: LITCHFIELD, IL 62056

APN/Parcel/PIN: 10-36-300-013 County: MONTGOMERY

Legal Description: PT SE SEC 35 LYG SE FORMER RR ROW & PT W1/2 SW SEC 36 LYG SE FORMER RR ROW S36 T9

R5

PROPERTY OWNERSHIP

Instrument: EXECUTOR'S DEED

Date Recorded: 07/21/2022 Instrument: 202200002257

Dated: 07/16/2022

Grantor(s): JANE PAINTER, AS EXECUTOR OF THE ESTATE OF GLENN W PAINTER, DECEASED, LATE

Grantee(s): DUSTIN ELLINGER AND DEE ELLINGER

ENVIRONMENTAL LIENS

NO ENVIRONMENTAL LIENS FOUND.

ACTIVITY AND USE LIMITATIONS (AUL)

NO AUL FOUND.

LEASES

NO LEASES FOUND.



(pg. 3 of 4)

Order #: 79-358137-47 | Project #: 1507-0014-EL1 | Completed: 07/03/2024 | Effective: 06/21/2024

MISCELLANEOUS INSTRUMENTS

NO MISCELLANEOUS INSTRUMENTS FOUND.



Order #: 79-358137-47 | Project #: 1507-0014-EL1 | Completed: 07/03/2024 | Effective: 06/21/2024

THANK YOU FOR YOUR ORDER

For questions, please contact our office at 1-877-848-5337.

Order Number: 79-358137-47

Project Number: 1507-0014-EL1

Our Environmental Lien and AUL report provides a summary of recorded information on a specific property from the time the current owner purchased the property, to present time. The report is intended to assist in the search for environmental liens filed in land title records. The report will verify property ownership and provide information on recorded environmental liens and/or Activity and Use Limitations that have been recorded from the time the current owner purchased the property, forward. This report complies with ASTM 1527-21 standards when used in conjunction with a review of the owner's most recent insurance title policy. Environmental Liens and Activity Use Limitations may exist in the insurance title policy that do not appear within this report.

Our professional network of trained researchers follow established industry protocols and use client-supplied property information to complete this Environmental Lien and AUL report. The research is conducted at all appropriate government offices based on the location of the subject property. This would include City, County, State, Federal and Tribal offices as needed. The report includes:

- Current deed information (i.e. grantor, grantee, recording dates)
- Legal Description
- Environmental Lien information
- Activity and Use Limitation information
- Any Environmental Liens and/or documents referencing AULs that are listed within our summary report

DISCLAIMER

This report was prepared for the intended use of AFX Research, LLC (AFX) and client, exclusively. This report is not a guarantee of title, nor a commitment to insure, nor a policy of title insurance. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. AFX Research, LLC specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.





Order Number: 79-358138-47

Project Number: 1507-0014-EL2

Site Name:

Subject Property:

MONTGOMERY ELLINGER SOLAR

PT NE LYG NW IL RT 16 ROW & SE FORMER RR ROW & PT NW SEC 1 LYG NW

IL RT 16 ROW S2 T8 R5

LITCHFIELD, IL 62056

Effective: 07/08/2024

Completed: 07/10/2024

AFX RESEARCH, LLC

Order #: 79-358138-47 | Project #: 1507-0014-EL2 | Completed: 07/10/2024 | Effective: 07/08/2024

SOURCES SEARCHED

Source 1: MONTGOMERY COUNTY RECORDER'S OFFICE

Source 2: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Examiner Notes: NOTICE: JUDICIAL RECORDS NOT SEARCHED. BASED ON AVAILABLE INFORMATION EVALUATED

BY THE TITLE SEARCH PROFESSIONAL, THE JURISDICTION DOES NOT REQUIRE A SEARCH OF

JUDICIAL RECORDS IN ORDER TO IDENTIFY ENVIRONMENTAL LIENS.

TARGET PROPERTY

Site Name: MONTGOMERY ELLINGER SOLAR

Current Owner(s): DUSTIN ELLINGER AND DEE ELLINGER

Street Address: PT NE LYG NW IL RT 16 ROW & SE FORMER RR ROW & PT NW SEC 1 LYG NW IL RT 16 ROW S2

T8 R5

City, State Zip Code: LITCHFIELD, IL 62056

APN/Parcel/PIN: 15-02-200-029 County: MONTGOMERY

Legal Description: PT NE LYG NW IL RT 16 ROW & SE FORMER RR ROW & PT NW SEC 1 LYG NW IL RT 16 ROW S2

T8 R5

PROPERTY OWNERSHIP

Instrument: EXECUTOR'S DEED

Date Recorded: 07/21/2022 Instrument: 202200002257

Dated: 07/16/2022

Grantor(s): JANE PAINTER, EXECUTOR OF THE ESTATE OF GLENN W PAINTER, DECEASED

Grantee(s): DUSTIN ELLINGER AND DEE ELLINGER

ENVIRONMENTAL LIENS

NO ENVIRONMENTAL LIENS FOUND.

ACTIVITY AND USE LIMITATIONS (AUL)

NO AUL FOUND.

LEASES

NO LEASES FOUND.



(pg. 3 of 4)

Order #: 79-358138-47 | Project #: 1507-0014-EL2 | Completed: 07/10/2024 | Effective: 07/08/2024

MISCELLANEOUS INSTRUMENTS

NO MISCELLANEOUS INSTRUMENTS FOUND.



Order #: 79-358138-47 | Project #: 1507-0014-EL2 | Completed: 07/10/2024 | Effective: 07/08/2024

THANK YOU FOR YOUR ORDER

For questions, please contact our office at 1-877-848-5337.

Order Number: 79-358138-47

Project Number: 1507-0014-EL2

Our Environmental Lien and AUL report provides a summary of recorded information on a specific property from the time the current owner purchased the property, to present time. The report is intended to assist in the search for environmental liens filed in land title records. The report will verify property ownership and provide information on recorded environmental liens and/or Activity and Use Limitations that have been recorded from the time the current owner purchased the property, forward. This report complies with ASTM 1527-21 standards when used in conjunction with a review of the owner's most recent insurance title policy. Environmental Liens and Activity Use Limitations may exist in the insurance title policy that do not appear within this report.

Our professional network of trained researchers follow established industry protocols and use client-supplied property information to complete this Environmental Lien and AUL report. The research is conducted at all appropriate government offices based on the location of the subject property. This would include City, County, State, Federal and Tribal offices as needed. The report includes:

- Current deed information (i.e. grantor, grantee, recording dates)
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- Activity and Use Limitation information
- Any Environmental Liens and/or documents referencing AULs that are listed within our summary report

DISCLAIMER

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Threatened and Endangered Species Review

technical memo



SUMMIT RIDGE ENERGY – MONTOMGERY-ELLINGER SOLAR

Date	06/21/2024
To / Contact info	Summit Ridge Energy – Bridget Callahan
From / Contact info	Emmons and Olivier Resources Inc. – Hallie Brychel
Regarding	Threatened and Endangered Species Review – U.S. Fish and Wildlife Services IPaC Review, IL EcoCAT

Summary

The U.S. Fish and Wildlife Services (USFWS) Information for Planning and Consultation (IPaC) and the Illinois Department of Natural Resources (DNR) Ecological Compliance Assessment Tool (EcoCAT) were reviewed to determine if the Montgomery-Ellinger solar project has the potential to impact any rare ecological species. There are no documented cases of eagles being within the project's vicinity. No eagle nests were identified during the site visit. Suitable bat habitat may be present along the Study Area boundary and conservation measures are recommended. EOR recommends following the best management practices (BMP's) outlined below for all listed bats.

In addition to the desktop screening procedure, a site visit was conducted to document wildlife and habitat present at the Study Area. Wildlife sightings during the site visit to Montgomery-Ellinger included: White-tailed deer (*Odocoileus virginianus*), Cicadas, and crayfish burrows. The north and western site boundary tree line may contain suitable bat habitat (**Appendix C: Site Photos**). Reference Table 1 for appropriate conservation measures.

IPaC Review

The USFWS IPaC report was reviewed for the Montgomery-Ellinger site (**Appendix A: U.S. Fish and Wildlife Services Information for Planning and Consultation Report (IPaC)**. A total of five (5) threatened, endangered, or candidate species were identified to be considered in an effect analysis for the Study Area and can be found listed in **Table 1**. There are no critical habitats, refuge lands, or fish hatcheries within the Study Area.

Table 1. IPaC Review

Species Name	Status	Effect Determination	Assumptions/Required Conservation Measures	Recommended Conservation Measures
Indiana Bat Myotis sodalis	Federally Endangered	May affect	Cutting/trimming of trees ≥ 5" in diameter at breast height will occur outside the summer roosting period (that is, limited to the period of Oct 1 to April 14). Tree cutting/trimming will not clear ≥ 20 contiguous acres of forest or fragment a connective corridor between 2 or more forest patches of at least 5 acres.	None

Species Name	Status	Effect Determination	Assumptions/Required Conservation Measures	Recommended Conservation Measures
Northern Long- eared Bat <i>Myotis</i> septentrionalis	Federally Endangered	May affect	Cutting/trimming of trees ≥ 3" in diameter at breast height will occur outside the summer roosting period (that is, limited to the period of Oct 1 to April 14). Tree cutting/trimming will not clear ≥ 20 contiguous acres of forest or fragment a connective corridor between 2 or more forest patches of at least 5 acres.	None
Tricolored Bat Perimyotis subflavus	Federally Proposed Endangered	May affect	Cutting/trimming of trees ≥ 4" in diameter at breast height will occur outside the summer roosting period (that is, limited to the period of Oct 1 to April 14). Tree cutting/trimming will not clear ≥ 20 contiguous acres of forest or fragment a connective corridor between 2 or more forest patches of at least 5 acres.	None
Monarch Butterfly Danaus plexippus	Federal Candidate	May affect	None	Incorporate native pollinator vegetation into site design, including native milkweeds. Reduce mowing frequency in spring & summer, leave some areas unraked/unmowed in fall and winter.
Whooping Crane Grus americana	Experimental Population, Non-Essential	No affect – no species habitat present	None	None

Migratory Birds

Migratory birds and respective nesting materials are protected from disturbance by the Migratory Bird Treaty Act (MBTA) of 1918 (16 U.S.C. 703-712). The MBTA prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species native to North America without prior authorization by USFWS. The Chimney Swift (*Chaetura pelagica*) and Red-headed Woodpecker (*Melanerpes erythrocephalus*) are listed in the IPaC report as potentially occurring within the Project Area. The list of migratory birds is included in Appendix A.

Primary impacts of solar energy projects on migratory birds occur when birds collide with project infrastructure, such as security fences, collector and generation tie lines, photovoltaic (PV) panels, and towers or mirrors at concentrating

solar power (CSP) facilities. Typically, these types of mortalities are due to lack of structure visibility. Burying or installing collector lines below PV panels, burying or co-locating generation tie lines with existing infrastructure, marking fence lines, limiting lengths of new generation tile lines to 2 miles or less can help to reduce bird collisions, and utilizing avian-safe power lint pole design can reduce risk of electrocution. Lastly, any vegetation management activities should be conducted outside of the active nesting season, typically extending from mid-March to mid-October, depending on the specific bird species (<u>USFWS</u>). Should active nests be observed within the Project Area, disturbance to the nest should be restricted until fledging has occurred.

Bald and Golden Eagles

According to the IPaC report, eagles are not likely to be within the vicinity of the project area. No eagle nests were found during the June site visit.

Bald and Golden eagles are protected by the Golden and Bald Eagle Protection Act (16 U.S.C. 668 - 668d) and the MBTA. Should Bald Eagle nesting activity be observed near the Project Area, recommended best management practices include implementing a minimum of a 660-foot buffer from eagle nests during active nesting periods, typically extending from December to August (USFWS 2007). Coordination with the USFWS is recommended for the minimization of adverse impacts to Bald and Golden Eagles, in compliance with the Bald and Golden Eagle Protection Act, should nesting activities of Bald Eagles be observed within or near the Project Area during construction activities.

EcoCAT Review

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the Study Area or in the vicinity of the project location. Official consultation with the IDNR was initiated on 06/17/2024. Consultation was terminated and no further review is required with IDNR. See Appendix B: IL Department of Natural Resources Ecological Compliance Assessment Tool Review for additional information.

Appendix A: U.S. Fish and Wildlife Services Information for Planning and Consultation Report (IPaC)



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Southern Illinois Sub-Office Southern Illinois Sub-office 8588 Route 148 Marion, IL 62959-5822 Phone: (618) 998-5945

Email Address: Marion@fws.gov

https://www.fws.gov/office/illinois-iowa-ecological-services

In Reply Refer To: 06/21/2024 15:06:41 UTC

Project Code: 2024-0107175

Project Name: Montgomery-Ellinger Solar

Subject: List of threatened and endangered species that may occur in your proposed project

location or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat, if present, within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the Information for Planning and Consultation (IPaC) website https://ipac.ecosphere.fws.gov at regular intervals during project planning and implementation and completing the same process you used to receive the attached list.

Section 7 Consultation

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the U.S. Fish and Wildlife Service (Service) if they determine their project "may affect" listed species or designated critical habitat. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action may affect endangered, threatened, or

proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service to make "no effect" determinations. If you determine that your proposed action will have no effect on threatened or endangered species or their respective designated critical habitat, you do not need to seek concurrence with the Service.

Note: For some species or projects, IPaC will present you with *Determination Keys*. You may be able to use one or more Determination Keys to conclude consultation on your action for species covered by those keys.

Technical Assistance for Listed Species

Project code: 2024-0107175

For assistance in determining if suitable habitat for listed, candidate, or proposed species
occurs within your project area or if species may be affected by project activities, you can
obtain information on the species life history, species status, current range, and other
documents by selecting the species from the thumbnails or list view and visiting the
species profile page.???????

No Effect Determinations for Listed Species

- 1. If there are *no* species or designated critical habitats on the Endangered Species portion of the species list: conclude "no species and no critical habitat present" and document your finding in your project records. No consultation under ESA section 7(a)(2) is required if the action would result in no effects to listed species or critical habitat. Maintain a copy of this letter and IPaC official species list for your records.
- 2. If any species or designated critical habitat are listed as potentially present in the action area of the proposed project the project proponents are responsible for determining if the proposed action will have "no effect" on any federally listed species or critical habitat. No effect, with respect to species, means that no individuals of a species will be exposed to any consequence of a federal action or that they will not respond to such exposure.
- 3. If the species habitat is not present within the action area or current data (surveys) for the species in the action area are negative: conclude "no species habitat or species present" and document your finding in your project records. For example, if the project area is located entirely within a "developed area" (an area that is already graveled/paved or supports structures and the only vegetation is limited to frequently mowed grass or conventional landscaping, is located within an existing maintained facility yard, or is in cultivated cropland conclude no species habitat present. Be careful when assessing actions that affect: 1) rights-of-ways that contains natural or semi-natural vegetation despite periodic mowing or other management; structures that have been known to support listed species (example: bridges), and 2) surface water or groundwater. Several species inhabit rights-of-ways, and you should carefully consider effects to surface water or groundwater, which often extend outside of a project's immediate footprint.
- 4. Adequacy of Information & Surveys Agencies may base their determinations on the best evidence that is available or can be developed during consultation. Agencies must give the benefit of any doubt to the species when there are any inadequacies in the

information. Inadequacies may include uncertainty in any step of the analysis. To provide adequate information on which to base a determination, it may be appropriate to conduct surveys to determine whether listed species or their habitats are present in the action area. Please contact our office for more information or see the survey guidelines that the Service has made available in IPaC.

May Effect Determinations for Listed Species

Project code: 2024-0107175

- 1. If the species habitat is present within the action area and survey data is unavailable or inconclusive: assume the species is present or plan and implement surveys and interpret results in coordination with our office. If assuming species present or surveys for the species are positive continue with the may affect determination process. May affect, with respect to a species, is the appropriate conclusion when a species might be exposed to a consequence of a federal action and could respond to that exposure. For critical habitat, 'may affect' is the appropriate conclusion if the action area overlaps with mapped areas of critical habitat and an essential physical or biological feature may be exposed to a consequence of a federal action and could change in response to that exposure.
- 2. Identify stressors or effects to the species and to the essential physical and biological features of critical habitat that overlaps with the action area. Consider all consequences of the action and assess the potential for each life stage of the species that occurs in the action area to be exposed to the stressors. Deconstruct the action into its component parts to be sure that you do not miss any part of the action that could cause effects to the species or physical and biological features of critical habitat. Stressors that affect species' resources may have consequences even if the species is not present when the project is implemented.
- 3. If no listed or proposed species will be exposed to stressors caused by the action, a 'no effect' determination may be appropriate be sure to separately assess effects to critical habitat, if any overlaps with the action area. If you determined that the proposed action or other activities that are caused by the proposed action may affect a species or critical habitat, the next step is to describe the manner in which they will respond or be altered. Specifically, to assess whether the species/critical habitat is "not likely to be adversely affected" or "likely to be adversely affected."
- 4. Determine how the habitat or the resource will respond to the proposed action (for example, changes in habitat quality, quantity, availability, or distribution), and assess how the species is expected to respond to the effects to its habitat or other resources. Critical habitat analyses focus on how the proposed action will affect the physical and biological features of the critical habitat in the action area. If there will be only beneficial effects or the effects of the action are expected to be insignificant or discountable, conclude "may affect, not likely to adversely affect" and submit your finding and supporting rationale to our office and request concurrence.
- 5. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, check IPaC for species-specific Section 7 guidance and conservation measures to determine whether there are any measures that may be implemented to avoid or minimize the negative effects. If you modify your proposed action to include conservation measures, assess how inclusion of those measures will likely change the

effects of the action. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, contact our office for assistance.

Letters with requests for consultation or correspondence about your project should include the Consultation Tracking Number in the header. Electronic submission is preferred.

For additional information on completing Section 7 Consultation including a Glossary of Terms used in the Section 7 Process, information requirements for completing Section 7, and example letters visit the Midwest Region Section 7 Consultations website at: https://www.fws.gov/library/collections/midwest-region-section-7-consultations.

You may find more specific information on completing Section 7 on communication towers and transmission lines on the following websites:

- Incidental Take Beneficial Practices: Power Lines https://www.fws.gov/story/incidental-take-beneficial-practices-power-lines
- Recommended Best Practices for Communication Tower Design, Siting, Construction, Operation, Maintenance, and Decommissioning. - https://www.fws.gov/media/ recommended-best-practices-communication-tower-design-siting-construction-operation

Tricolored Bat Update

Project code: 2024-0107175

On September 14, 2022, the Service published a proposal in the Federal Register to list the tricolored bat (Perimyotis subflavus) as endangered under the Endangered Species Act (ESA). The Service has up to 12-months from the date the proposal published to make a final determination, either to list the tricolored bat under the Act or to withdraw the proposal. The Service determined the bat faces extinction primarily due to the rangewide impacts of whitenose syndrome (WNS), a deadly fungal disease affecting cave-dwelling bats across North America. Because tricolored bat populations have been greatly reduced due to WNS, surviving bat populations are now more vulnerable to other stressors such as human disturbance and habitat loss. Species proposed for listing are not afforded protection under the ESA; however, as soon as a listing becomes effective (typically 30 days after publication of the final rule in the Federal Register), the prohibitions against jeopardizing its continued existence and "take" will apply. Therefore, if your future or existing project has the potential to adversely affect tricolored bats after the potential new listing goes into effect, we recommend that the effects of the project on tricolored bat and their habitat be analyzed to determine whether authorization under ESA section 7 or 10 is necessary. Projects with an existing section 7 biological opinion may require reinitiation of consultation, and projects with an existing section 10 incidental take permit may require an amendment to provide uninterrupted authorization for covered activities. Contact our office for assistance.

Bald and Golden Eagles

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act and Migratory Bird Treaty Act, as are golden eagles. Projects affecting these species may require measures to avoid harming eagles

or may require a permit. If your project is near an eagle nest or winter roost area, please contact our office for further coordination. For more information on permits and other eagle information visit our website https://www.fws.gov/library/collections/bald-and-golden-eagle-management.

We appreciate your concern for threatened and endangered species. Please feel free to contact our office with questions or for additional information.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Southern Illinois Sub-Office Southern Illinois Sub-office 8588 Route 148 Marion, IL 62959-5822 (618) 998-5945

PROJECT SUMMARY

Project Code: 2024-0107175

Project Name: Montgomery-Ellinger Solar

Project Type: Power Gen - Solar

Project Description: This is a 37.6-acre potential solar site located in Montgomery County, IL

near the town of Litchfield. The site is currently being used in agricultural

production. The timeline of the project has not been determined.

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@39.17687395,-89.60042675666483,14z



Counties: Montgomery County, Illinois

ENDANGERED SPECIES ACT SPECIES

Project code: 2024-0107175

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Project code: 2024-0107175

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

BIRDS

NAME	STATUS
Whooping Crane <i>Grus americana</i> Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758	Experimental Population, Non-Essential

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i>	Candidate

No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

Project code: 2024-0107175 06/21/2024 15:06:41 UTC

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Hallie Brychel
Address: 1334 Dewey Ct.

City: Madison State: WI Zip: 53703

Email hbrychel@eorinc.com

Phone: 6082927844

Appendix B: IL Department of Natural Resources Ecological Compliance Assessment Tool
Review





06/17/2024

IDNR Project Number: 2416818

Date:

Applicant: Emmons and Olivier Resources

Contact: Hallie Brychel Address: 1334 Dewey Ct.

Madison, WI 53703

Project: Montgomery-Ellinger Solar Address: 39.174066,-89.605463, Litchfield

Description: This is a potential solar project located near the City of Litchfield in Montgomery County, IL. The site is currently being used in agriculture production. The site is approximately 29.6-acres.

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

Consultation is terminated. This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Termination does not imply IDNR's authorization or endorsement.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Montgomery

Township, Range, Section:

8N, 5W, 1 8N, 5W, 2 9N, 5W, 35 9N, 5W, 36

IL Department of Natural Resources Contact

Bradley Hayes 217-785-5500

Division of Ecosystems & Environment



Government Jurisdiction

City of Litchfield City of Litchfield 120 E. Ryder Street Litchfield, Illinois 62056

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

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- 1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.
- 2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.
- 3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

Security

EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.

Appendix C: Site Photos



Photograph 1. Viewing tree line from agricultural field.



Photograph 2. Looking south and west along tree line at the site boundary.



SHPO Concurrence