

# Phase I Environmental Site Assessment

SIUE Health Sciences Building

200 University Park Drive

Edwardsville, Madison County, IL

September 23, 2021

Terracon Project No. 15217050



**Prepared for:**

Hellmuth Obata Kassabaum Inc (HOK)  
St. Louis, Missouri

**Prepared by:**

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September 23, 2021



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Attn: Barb Anderson-Kerlin  
P: (314) 754-4013  
E: barb.anderson-kerlin@hok.com


Re: Phase I Environmental Site Assessment  
SIUE Health Sciences Building  
200 University Park Drive  
Edwardsville, Madison County, Illinois  
Terracon Project No. 15217050

Dear Ms. Anderson-Kerlin:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with your Subconsultant Service Agreement, dated July 30, 2021.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at [www.terracon.com](http://www.terracon.com). If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,  
**Terracon Consultants, Inc.**

  
Nicole V. Azmanov  
Due Diligence Manager

  
Karen T Rieken, P.E.  
Site Investigation Manager

Attachments



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## **EXECUTIVE SUMMARY**

This Phase I Environmental Site Assessment (ESA) was performed in accordance with your Subconsultant Service Agreement, dated July 30, 2021, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Nicole V. Azmanov, Environmental Professional. Nicole V. Azmanov performed the site reconnaissance on August 17, 2021.

### **Findings and Opinions**

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

#### Site Description and Use

The approximate 13-acre site is developed with one approximate 40,882-square foot office/classroom building, one approximate 18,500-square foot school of pharmacy lab building, associated paved parking areas, and a large grassy area.

#### Historical Information

The site was historically vacant agricultural land. A parking lot was developed on the site from at least 1968 until 1988. Building 200 was constructed on the site in 1990 and building 220 was constructed in 2005. Surrounding areas were also primarily vacant agricultural land with scattered residences and farmsteads as early as 1927. Parking lots associated with SIUE appeared north of the site by 1968. The current-day developments to the east, south, and west appeared in the 1990s.

#### Records Review

The site was identified in the Facility Index System (FINDS) and Federal Insecticide, Fungicide, Rodenticide Act (FIFRA)/Toxic Substances Control Act (TSCA) – FTTS databases. The FINDS listing is a duplicate report associated with the FTTS listing. The FTTS listing is associated with a Section 6 PCB (polychlorinated bisphenol) inspection under TSCA which occurred in May 2003. Violations were not reported during the inspection. Based on the regulatory status, this listing is not considered a recognized environmental condition (REC).

The remaining facilities listed in the database report do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and/or distance from the site.

### Site Reconnaissance

Based on the site reconnaissance, Terracon observed heating and cooling systems, interior floor drains, one natural gas-fired emergency generator, one pad-mounted transformer, one air compressor, one hydraulic elevator, two solid waste dumpsters, vent hoods and small containers of chemicals associated with pharmaceutical lab activities, and a pH neutralization system associated with lab activities. RECs were not observed associated with the current site operations.

### Adjoining Properties

The site is adjoined by SIUE buildings to the west and south, by a parking lot to the north, and by an office building to the east. RECs were not observed with the current adjoining property uses.

### **Significant Data Gaps**

Significant data gaps were not identified.

### **Conclusions**

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E 1527-13 for the site located at 200-220 University Park Drive, Edwardsville, County, Illinois, the site. RECs or Controlled RECs (CRECs) were not identified in connection with the site.

### **Recommendations**

Based on the scope of services, limitations, and conclusions of this assessment, Terracon did not identify RECs or CRECs. As such, no additional investigation is warranted at this time.

## **1.0 INTRODUCTION**

### **1.1 Site Description**

<b>Site Name</b>	SIUE Health Sciences Building
<b>Site Location/Address</b>	200 University Park Drive, Edwardsville, Madison County, Illinois
<b>Land Area</b>	Approximately 13 acres
<b>Site Improvements</b>	The site is improved with one approximate 40,882-square foot building, one approximate 14,000-square foot building, and associated paved parking areas.
<b>Anticipated Future Site Use</b>	School of Pharmacy buildings
<b>Purpose of the ESA</b>	Funding for remodel and construction of new building

The location of the site is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. The site and adjoining properties are depicted on the Site Diagram, which is included as Exhibit 2 of Appendix A. Acronyms and terms used in this report are described in Appendix F.

### **1.2 Scope of Services**

This Phase I ESA was performed in accordance with your Subconsultant Service Agreement, dated July 30, 2021, and was conducted consistent with the procedures included in ASTM E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report.

ASTM E1527-13 contains a new definition of "migrate/migration," which refers to "the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface." By including this explicit reference to migration in ASTM E1527-13, the Standard clarifies that the potential for vapor migration should be addressed as part of a Phase I ESA. This Phase I ESA has considered vapor migration in evaluation of RECs associated with the site.

### **1.3 Standard of Care**

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

### **1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps**

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e. evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This ESA was further limited by the following:

- n A request for information was submitted to the City of Edwardsville Fire Department; however, as of the date of this report, a response has not been received.

An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of

significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

## 1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of Hellmuth Obata Kassabaum Inc (HOK). Use or reliance by any other party is prohibited without the written authorization of Hellmuth Obata Kassabaum Inc (HOK) and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-13 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-13.

## 1.6 Client Provided Information

Prior to the site visit, the client's representative, was asked to provide the following user questionnaire information as described in ASTM E1527-13 Section 6.

### Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
Specialized Knowledge or Experience that is material to a REC in	X		

Client Questionnaire Item	Client Did Not Respond	Client's Response	
		Yes	No
connection with the site.			
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.	X		
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the site.	X		
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the site.	X		
Obvious Indicators of Contamination at the site.	X		

The client did not provide the requested User's information as of the issuance date of the report, which represents a data gap. Terracon assumes the client is evaluating the questionnaire information outside the context of Terracon's Phase I ESA scope of work and report.

## 2.0 PHYSICAL SETTING

Physical Setting Information			Source
Topography			
Site Elevation		Approximately 575 feet above sea level	USGS Topographic Map, Edwardsville, IL Quadrangle, 1991 (Appendix A)
Topographic Gradient		Sloping towards the northwest.	
Closest Surface Water	An unnamed creek is located approximately 650 feet west-northwest of the site.		
Soil Characteristics			
Soil Type		Menfro silt loam, 2-5% slopes Sylvan-Bold silt loams, 10-18% slopes, eroded Urban Land	Madison County, IL USDA-NRCS Web Soil Survey issued May 2020
Description		Menfro and Sylvan-Bold soils are formed on hillslopes and/or ground moraines from a parent material of Loess. They are well drained with a high permeability and water capacity. A typical soil profile consists of layers of silt loam and silty clay loam to a depth of 80 inches.	

Physical Setting Information		Source
Geology/Hydrogeology		
Formation	Shelburn-Patoka Formations	Bedrock Geology of Illinois, Illinois State Geological Survey, 2005
Description	Consists of various limestone and sandstone formations with some coal.	
Estimated Depth to First Occurrence of Groundwater	Terracon advanced thirteen borings on the site to a depth of between 10 feet to 80 feet bgs. Water was observed in one boring in the center of the site at 14 feet and was not encountered in the remaining boring locations.	Terracon's concurrent geotechnical site investigation
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the northwest).	

\* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

### 3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the site and surrounding area, in order to help identify RECs associated with past uses. Copies of selected historical documents are included in Appendix C.

#### 3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps

Readily available historical USGS topographic maps and selected historical aerial photographs (at approximately 10 to 15-year intervals) were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps and aerial photographs are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from EDR to evaluate past uses and relevant characteristics of the site and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn maps were not available for the site.

- n Topographic maps: Edwardsville, IL, published in **1927** and **1932** (1:62,500)
- n Topographic maps: Edwardsville, IL, published in **1950, 1954, 1968, 1974, 1981, and 1991** (1:24,000)
- n Aerial photographs: EDR, **1941, 1945, 1956, 1968, 1974, 1979, 1981, 1988, 1991, 1993, 1998, 2007, 2011, 2014, 2017**, 1"=500'

### Historical Maps and Aerial Photographs

Direction	Description
Site	<p><b>1927-1956:</b> The site was apparent vacant agricultural land.</p> <p><b>1968-1988:</b> The site appeared to be graded. A paved or gravel parking lot was located on the northern portion of the site which expanded by 1974.</p> <p><b>1991-2017:</b> Building 200 was apparent on the central portion of the site. The remaining areas appeared to be grassy land. Building 220 appeared by 2007.</p>
North	<p><b>1927-1956:</b> The area north of the site was apparent vacant agricultural land.</p> <p><b>1968-2017:</b> The area north of the site was developed with paved parking lots associated with the Southern Illinois University Edwardsville (SIUE).</p>
East	<p><b>1927-1988:</b> The area east of the site appeared to be agricultural land and a farmstead.</p> <p><b>1991-1993:</b> University Park Drive and vacant grassed land was apparent east of the site.</p> <p><b>1998-2017:</b> The current-day office buildings were apparent east of the site.</p>
South	<p><b>1927-1956:</b> The area south of the site appeared to be agricultural land and a farmstead. A roadway adjoined the southern site boundary.</p> <p><b>1968-1988:</b> The area south of the site was apparent vacant land. The farmstead and roadway were no longer apparent.</p> <p><b>1991-2017:</b> University Park Drive and vacant land were apparent south of the site. The current-day office buildings were apparent southeast adjoining the site by 1998.</p>
West	<p><b>1927-1956:</b> The area west of the site was apparent vacant agricultural land with scattered residences.</p> <p><b>1968-1993:</b> University Drive was constructed west adjoining the site. Residences were still apparent further west.</p> <p><b>1998-2017:</b> University Drive adjoined the site to the west followed by the current-day resident hall.</p>

### 3.2 Historical City Directories

The city directories used in this study were made available through EDR (selected years reviewed: 1956-2017) and were reviewed at approximate five-year intervals, if readily available. Street listings were not available prior to 1992. The current street addresses for the site were identified as 200 and 220 University Park Drive.

#### Historical City Directories

Direction	Description
Site	<p><b>200 University Park Drive</b></p> <p>Pistru Consulting Group, University of Illinois Extension, Westgate Realty (1995)</p> <p>Chamber of Commerce Land of Goshen, Edwardsville Glen Carbon Chamber of Commerce, Grandone Hauser Inc, Hybrid Systems Limited Inc., Juneau Associates Inc., Land of Goshen Chamber of Commerce, Leadership Council Southwestern Illinois, University of Illinois Extension Education, Westgate Realty (2000)</p>

Direction	Description
	<p>Agri Growth Research, Agricultural Growth Research &amp; Resources, Edwardsville Extension Univ of IL, Edwardsville Glen Carbon C of C, Gateway Medical Research Inc., Hauser Group Inc., HSL Inc., Hybrid Systems, Inc., Leadership Council Southwestern Illi, University of Illinois Outreach (2005)</p> <p>Alliance of Edwardsville, Edwardsville Glen Carbon Chamber, Hauser Group Inc., HSL, Inc., Leadership Council SW Illinois, Sachs Electric (2010)</p> <p>Diamond Bros Insurance Agency Inc., Edwardsville Glen Carbon Chamber of Commerce, Leadership Council Southwestern Illi, PSI Professional Service Industries, Sachs Electric (2014)</p> <p>Diamond Bros Insurance, Inc., Leadership Council Southwestern Illi, PSI Professional Service Industries, The Alliance of Edwardsville &amp; Glen Carbon (2017)</p> <p><b>220 University Park Drive</b>          Not listed (1992-2017)</p>
North	<p>The area north of the site has been developed with paved parking lots since at least 1968 and was vacant land prior to that time.</p>
East	<p><b>100 North Research Drive</b>          Pistrui Group Inc. (2000)          Juneau Associates Inc (2005-2017)</p> <p><b>110 North Research Drive</b>          EZL Dot Com Inc., Westgate Research (2000-2005)          Not listed (2010-2017)</p>
South	<p><b>195 University Park Drive</b>          Not listed (1992-2010)          Kilfrost, Tri Cor Industries, Inc. (2014)          Chrislands Inc. (2014-2017)</p>
West	<p><b>95 S University Drive</b>          Not listed (1992-2017)</p> <p><b>Residence Drive Woodland Hall</b>          Thomas Teague (2014)</p>

### 3.3 Site Ownership

Based on a review of the title documents provided by EDR, the current site owner is Board of Trustees of Southern Illinois University.

### 3.4 Title Search

At the direction of the client, a title search was included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

County Deed Records were reviewed by EDR of Shelton, Connecticut to obtain a chain-of-title for the site. Ownership records were reviewed back to 1956. The title information is included in Appendix C.

Based on a review of the title provider's research, the current site owner is Board of Trustees of Southern Illinois University, who obtained title on July 11, 1961, from Southern Illinois University Foundation. Previous site owners include Home Nursery Greenhouses, Inc and private individuals.

### **3.5 Environmental Liens and Activity and Use Limitations**

At the direction of the client, performance of a review of environmental liens and activity and use limitations was included as part of the scope of services for which Terracon engaged EDR of Shelton, Connecticut. Based on a review of the title provider's research, environmental liens or activity and use limitations were not identified. In addition, the EDR regulatory database report included a review of both Federal and State Engineering Control (EC) and Institutional Control (IC) databases. Based on a review of the database report, the site was not listed on the EC or IC databases.

### **3.6 Interviews Regarding Current and Historical Site Uses**

The following individual was interviewed regarding the current and historical use of the site.

#### **Interviews**

<b>Interviewer</b>	<b>Name / Phone #</b>	<b>Title</b>	<b>Date/Time</b>
Nicole V. Azmanov	Mr. John Renken / 618-650-3365	Facilities Management - SIUE	August 17, 2021 / 12:30pm

Terracon interviewed Mr. John Renken, Facilities Management, during the site reconnaissance. Mr. Renken indicated that he has been familiar with the site for several years and was not aware of prior uses of the site before the current-site building was constructed. Mr. Renken was not aware of pending environmental litigation, threatened environmental litigation, past environmental litigation, possible violations of environmental laws, possible environmental liability, or potential environmental concerns associated with the site.

### **3.7 Prior Report Review**

Terracon requested the client provide any previous environmental reports they are aware of for the site. Previous reports were not provided by the client to Terracon for review.

## 4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. The purpose of the records review was to identify RECs in connection with the site. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated. The scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

### 4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

#### Federal Databases

Database	Description	Distance (miles)	Listings
SEMS / CERCLIS	Superfund Enterprise Management System / Comprehensive Environmental Response, Compensation, & Liability Information System	0.5	0
SEMS Archive / CERCLIS / NFRAP	Superfund Enterprise Management System Archive / Comprehensive Environmental Response, Compensation, & Liability Information System/No Further Remedial Action Planned	0.5	0
ERNS	Emergency Response Notification System	Site	0
IC / EC	Institutional Control/Engineering Control	Site	0
NPL	National Priorities List	1	0
NPL (Delisted)	National Priorities Delisted List	0.5	0
RCRA CORRACTS/ TSD	RCRA Corrective Action Activity	1	1
RCRA Generators	Resource Conservation and Recovery Act	Site and adjoining properties	0
RCRA Non-CORRACTS/ TSD	RCRA Non-Corrective Action Activity	0.5	0

### State/Tribal Databases

Database	Description	Distance (miles)	Listings
Brownfields	Brownfields Databases	0.5	0
IC/EC	Institutional Controls / Engineering Controls	Site	0
LUST	Leaking Underground Storage Tanks	0.5	0
SHWS	State Hazardous Waste Site	0.5	0
SRP	Site Remediation Program	0.5	0
SWF/LF	Solid Waste Facilities / Landfills	0.5	0
UST	Underground Storage Tank Facilities	Site and adjoining properties	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities. Facilities are listed in order of proximity to the site. Additional discussion for selected facilities follows the summary table.

### Listed Facilities

Facility Name And Location	Estimated Distance / Direction/Gradient	Database Listings	Is a REC, CREC, or HREC to the Site
Southern Illinois Univ Edwardsville 200 University Park Drive	Site	FINDS, FTTS, HIST FTTS	No, see discussion below
Siue Dental Implant Clinic 195 University Park Dr	Southeast adjoining / up-gradient	RCRA-NLR	No, see discussion below
Crown Castle - 210 Gal Ast 151 North University Park Drive	Approximately 975 feet south / cross-gradient	AST	No, based on distance
Southern Illinois Univ- Science Bldg Southern II Univ Campus	Approximately 2,000 feet northwest / down-gradient	CORRACTS, MANIFEST, RCRA-SQG, SEMS-ARCHIVE	No, based on distance and gradient

#### Southern Illinois Univ Edwardsville (200 University Park Drive)

The site was identified in the Facility Index System (FINDS) and Federal Insecticide, Fungicide, Rodenticide Act (FIFRA)/Toxic Substances Control Act (TSCA) – FTTS databases. The FINDS listing is a duplicate report associated with the FTTS listing. The FTTS listing is associated with a Section 6 PCB (polychlorinated bisphenol) inspection under TSCA which occurred in May

2003. Violations were not reported during the inspection. Based on the regulatory status, this listing is not considered a REC.

Siue Dental Implant Clinic (195 University Park Dr)

The SIUE Dental Implant building is located southeast adjoining the site and was listed in the Resource Conservation and Recovery Act (RCRA) no longer regulated (NLR) database. The facility historically generated lead and mercury associated with the small-scale manufacture of dental implants. There were no reported RCRA violations. Based on the regulatory status, this facility listing is not considered a REC.

The remaining facilities listed in the database report do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and/or distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report did not list facilities in the unmapped section.

## 4.2 Local Agency Inquiries

Agency Contacted/ Contact Method	Response
Edwardsville Fire Department / via email fire@cityofedwardsville.com	At the issuance of this report, a response had not been received from the Edwardsville Fire Department.

## 4.3 Local Area Knowledge

Terracon reviewed the Illinois State Geological Survey (ISGS) interactive mines, water wells, and oil/gas wells mappers to assess if these features are located on the site. Based on this review, the site does not appear to be undermined and wells were not identified on the site.

# 5.0 SITE RECONNAISSANCE

## 5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. The site and adjoining properties are depicted on the Site Diagram, which is included in Exhibit 2 of Appendix A. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix B. Credentials of the individuals planning and conducting the site visit are included in Appendix E.

## General Site Information

Site Reconnaissance				
Field Personnel	Nicole V. Azmanov			
Reconnaissance Date	August 17, 2021			
Weather Conditions	Sunny, approximately 85 degrees Fahrenheit			
Site Contact/Title	Mr. John Renken / Facilities Management			
Building Description				
Building Identification	Building Use	Approx. Construction Date	Number of Stories	Approx. Size (ft²)
200 University Park Dr	70% office, 30% classroom	1990	2	40,882
220 University Park Dr	80% Lab, 20% office/student area	2005	1	18,000
Site Utilities				
Drinking Water	City of Edwardsville			
Wastewater	City of Edwardsville			
Electric	Ameren Illinois			
Natural Gas	Ameren Illinois			

## 5.2 Overview of Current Site Occupants

The buildings are owned and operated by Southern Illinois University Edwardsville. Building 220 is primarily utilized by pharmaceutical students and includes offices for professors. Building 200 includes office areas for University services and also includes leased offices for outside professional services.

## 5.3 Overview of Current Site Operations

Site operations consist of office/administrative activities, classroom lectures, and laboratory classes.

## 5.4 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

### Site Characteristics

Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Emergency generators	X
	Elevators	X
	Air compressors	X
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	X
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	X
	Paint booths	
	Sub-grade mechanic pits	
	Wash-down areas or carwashes	
	Pesticide/herbicide production or storage	
	Printing operations	
	Metal finishing (e.g., electroplating, chrome plating, galvanizing, etc.)	
	Salvage operations	
	Oil, gas or mineral production	
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers <sup>3</sup> 5 gallons	X
	MSDS or SDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, French drains, catch basins and/or dry wells	X
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	
	Interior floor drains	X
Electrical Transformers/PCBs	Transformers and/or capacitors	X
	Other equipment	

Category	Item or Feature	Observed or Identified
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wastewater lagoons	
	Wells	

## Site Operations, Processes, and Equipment

### Emergency generators

One natural gas emergency generator was observed outside the northeast wall of building 220. The generator is reportedly tested on an annual basis by Mike's Generators. Evidence of releases were not apparent from the unit during the site reconnaissance.

### Elevators

One hydraulic elevator was observed in building 200 on the site. The hydraulic reservoir for the elevator is located in the elevator equipment room on the lower level of building 200. Spills, staining, or releases were not observed in the vicinity of the reservoir during the site reconnaissance. The base of the elevator pit was observed to be concrete. *De minimis* staining was observed in the elevator pit. According to Mr. Renken, the elevator system is serviced by Kone Elevator on an as-needed basis.

### Air compressors

One air compressor was observed in building 200. The air compressor was located on concrete flooring. *De minimis* staining was observed on the floor in the vicinity of the air compressor at the time of the visual reconnaissance.

### Ventilation hoods and/or Incinerators

Multiple vent hoods were observed in the pharmaceutical lab areas during the site reconnaissance and appear to be associated with the hands-on learning portion of

pharmaceutical classes. The vent hoods are used to collect potentially harmful chemical emissions associated with chemical reactions during pharmaceutical experiments and are not permitted.

#### Heating and/or cooling systems

The buildings are heated and cooled via roof-mounted, natural gas-fired HVAC units.

### **Aboveground Chemical or Waste Storage**

#### Drums, barrels, and/or containers <sup>3</sup> 5 gallons

Numerous small containers of various chemicals were observed stored in the pharmaceutical laboratories. Flammable chemicals were kept in flammable cabinets. Staining was not observed associated with the storage of chemicals in the lab areas.

### **Underground Chemical or Waste Storage, Drainage or Collection Systems**

#### Sumps, cisterns, catch basins and/or dry wells

One sump was observed in the utility room of building 220. The sump was installed to collect water from the sinks and floor drains of the lab areas and includes a limestone component which neutralizes acidic water prior to discharge to the municipal sanitary sewer system. Mr. Renken stated that the limestone was recently replaced, the first time since installation in approximately 2005.

#### Interior floor drains

Interior floor drains were observed in the restrooms, utility rooms, and lab areas of the buildings. According to Mr. Renken, the floor drains discharge to the municipal sanitary sewer system. As mentioned above, floor drains and sinks in the lab areas are connected to a pH neutralizing system prior to discharge to the sanitary sewer system. Potentially hazardous materials and/or petroleum products were not stored in the vicinity of the floor drains at the time of the site reconnaissance. Staining and/or releases to the floor drains were not observed during the site reconnaissance.

### **Electrical Transformers/PCBs**

#### Transformers and/or capacitors

During Terracon's site visit, one pad-mounted transformer, owned and serviced by the Ameren Illinois was observed between the on-site buildings; however, no information with regard to PCB content of the transformer fluids was observed. Some transformers contain mineral oil which may contain PCBs.

The Ameren Illinois maintains responsibility for the transformers, and if the transformers were "PCB contaminated," the utility owner is not required to replace the transformer fluids until a release is identified. However, evidence of current or prior releases was not observed in the vicinity of the electrical equipment during the site reconnaissance.

## Releases or Potential Releases

### Trash, debris and/or other waste materials

Two solid waste disposal dumpsters, serviced by Waste Management, were observed between the site buildings on the site. Staining, noxious odors, or hazardous waste disposal was not observed in the vicinity of the on-site dumpsters.

## 6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

### Adjoining Properties

Direction	Description
North	Paved parking lots
East	Juneau Associates engineering and land surveying
South	Vacant land and SIUE School of Dental Medicine building
West	University Drive followed by SIUE Woodland Residence Hall

The site is adjoined by SIUE buildings to the west and south, by a parking lot to the north, and by an office building to the east. RECs were not observed with the current adjoining property uses.

## 7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (e.g. asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted.

## **8.0 DECLARATION**

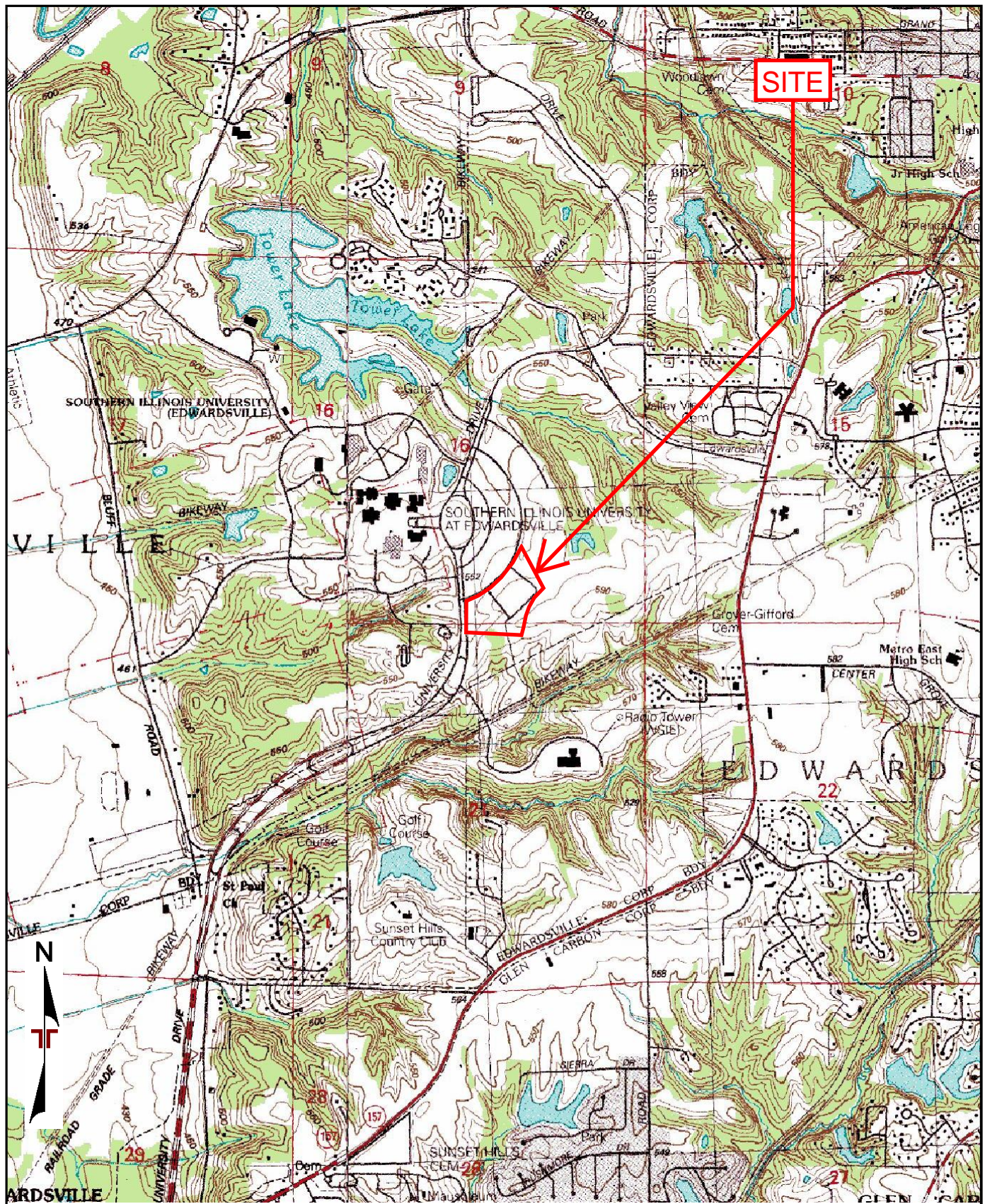
I, Nicole V. Azmanov, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



---

Nicole V. Azmanov  
Due Diligence Manager

**APPENDIX A**  
**EXHIBIT 1 – TOPOGRAPHIC MAP**  
**EXHIBIT 2 – SITE DIAGRAM**



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY  
 QUADRANGLES INCLUDE: WOOD RIVER, IL (1/1/1994) and EDWARDSVILLE, IL (1/1/1991).

Project Manager: NVA	Project No. 15217050	 11600 Lilburn Park Rd Saint Louis, MO 63146-3535	TOPOGRAPHIC MAP	Exhibit
Drawn by: NVA	Scale: 1"=2,000'		SIUE Health Sciences Building 200 University Park Edwardsville, IL	1
Checked by: KTR	File Name:			
Approved by: KTR	Date: 8/24/2021			

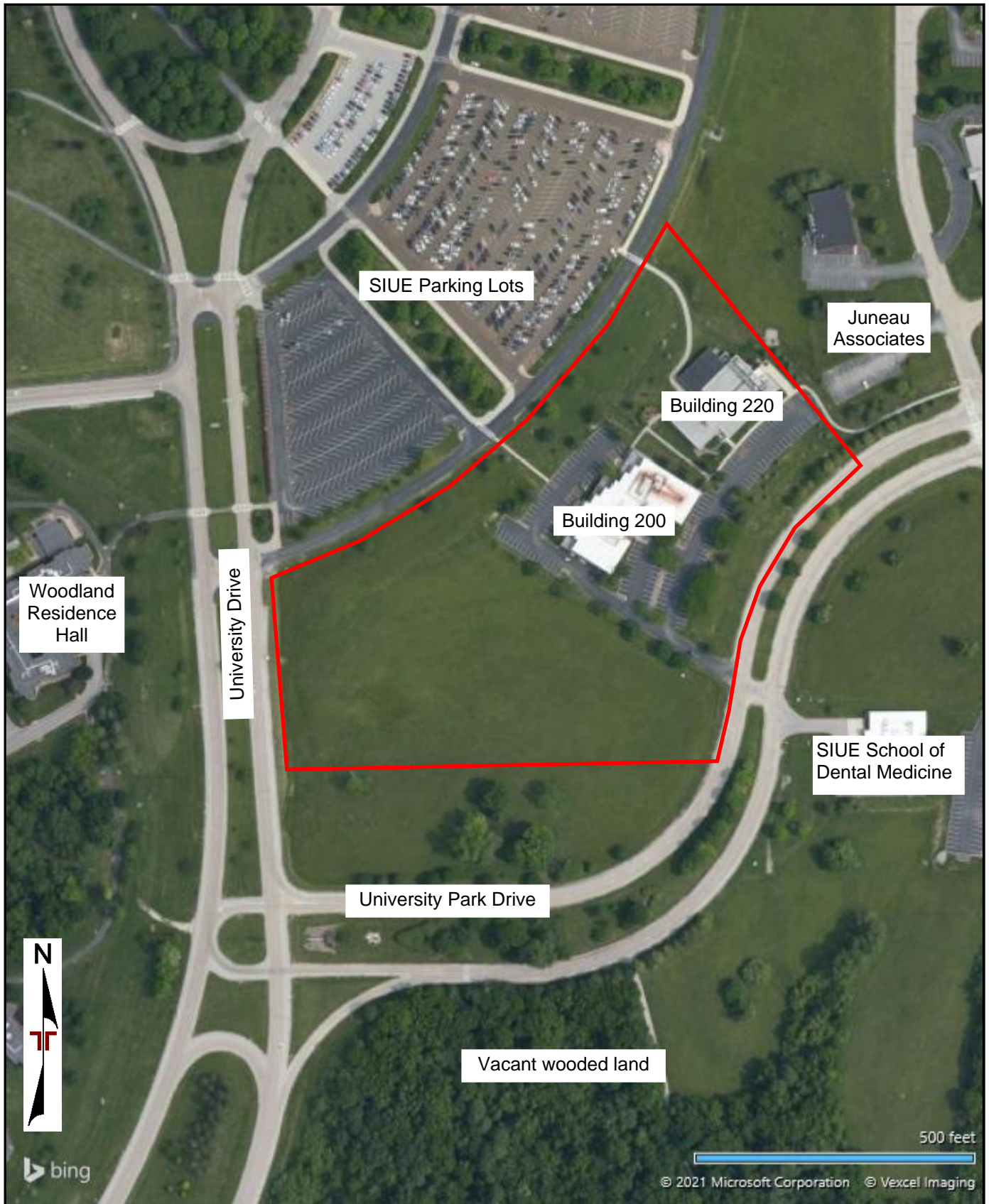


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

Project Manager: NVA	Project No. 15217050	 11600 Lilburn Park Rd Saint Louis, MO 63146-3535	<b>SITE DIAGRAM</b>  <b>SIUE Health Sciences Building</b> 200 University Park Edwardsville, IL	Exhibit
Drawn by: NVA	Scale: AS SHOWN			2
Checked by: KTR	File Name:			
Approved by: KTR	Date: 8/24/2021			

**APPENDIX B**  
**SITE PHOTOGRAPHS**



Photo 1 Entrance to building 200



Photo 2 1<sup>st</sup> floor offices in building 200



Photo 3 1<sup>st</sup> floor offices in building 200

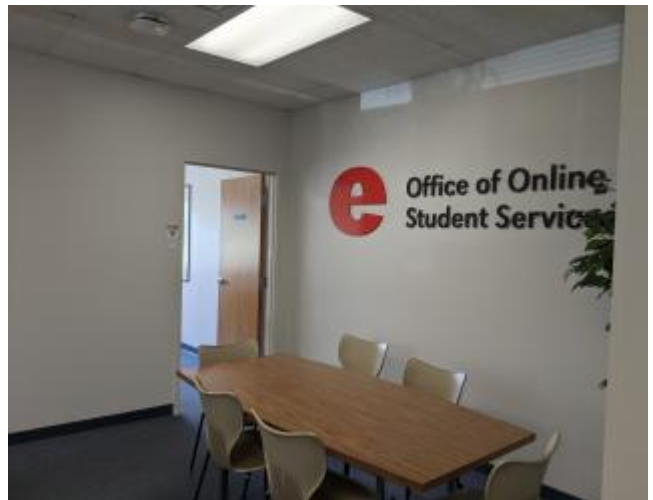


Photo 4 1<sup>st</sup> floor offices in building 200

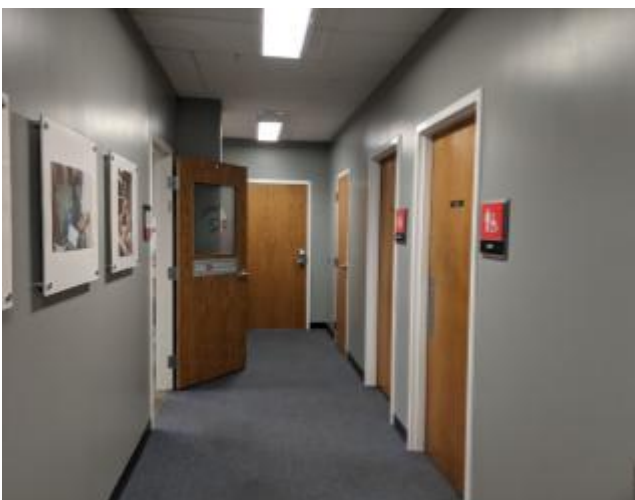


Photo 5 1<sup>st</sup> floor offices in building 200

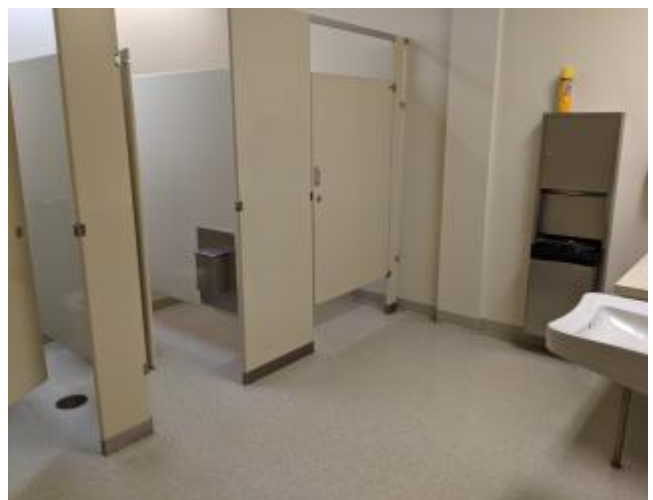


Photo 6 1<sup>st</sup> floor restroom in building 200



Photo 71<sup>st</sup> floor breakroom in building 200



Photo 81<sup>st</sup> floor offices in building 200



Photo 91<sup>st</sup> floor offices in building 200



Photo 101<sup>st</sup> floor offices in building 200



Photo 111<sup>st</sup> floor offices in building 200



Photo 121<sup>st</sup> floor restroom in building 200



Photo 13 131<sup>st</sup> floor offices in building 200



Photo 14 Basement break room in building 200



Photo 15 Basement hallway in building 200



Photo 16 Basement classroom in building 200



Photo 17 Basement restroom in building 200



Photo 18 Basement classroom in building 200



Photo 19 View north at building 200



Photo 20 View east across southern portion of the site



Photo 21 View south away from the site



Photo 22 View northeast at building 220



Photo 23 View of east adjoining building



Photo 24 On-site dumpsters



Photo 25 Transformer and emergency generator



Photo 26 Emergency generator for building 220



Photo 27 Air handling unit for building 220



Photo 28 View west along northern portion of site



Photo 29 View north away from the site



Photo 30 View southwest at building 220



Photo 31 View south at building 200



Photo 32 View north away from the site



Photo 33 Interior of building 220



Photo 34 Interior of building 220

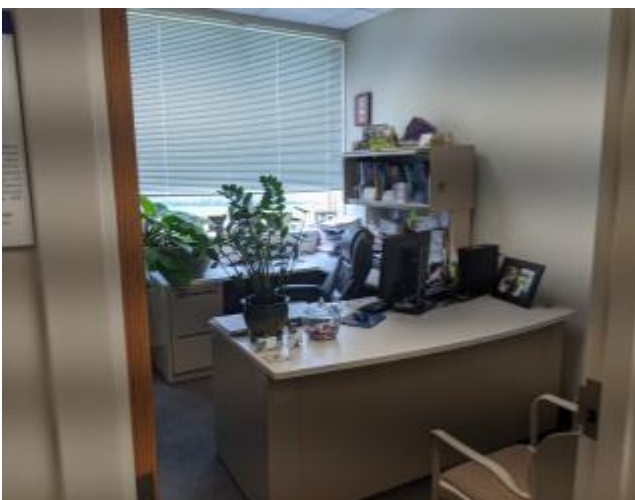


Photo 35 Office in building 220



Photo 36 Lab area of building 220



Photo 37 Lab area of building 220 (vent hood)



Photo 38 Lab area of building 220 (floor drain)



Photo 39 Student study room in building 220



Photo 40 Elevator equipment in building 200



Photo 41 Air Compressor in building 220



Photo 42 pH neutralization sump in building 220



Photo 43 View west at building 200



Photo 44 View east across grassy area of site



Photo 45 View north across grassy area of site



Photo 46 View north across/away from grassy area of site



Photo 47 View south across grassy area of site



Photo 48 View west across grassy area of site, towards building 200



Photo 49 View north across grassy area of site

**APPENDIX C**  
**HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE**

## Certified Sanborn® Map Report

08/11/21

**Site Name:**

SIUE  
200 University Park  
Edwardsville, IL 62025  
EDR Inquiry # 6615905.3

**Client Name:**

Terracon  
11600 Lilburn Park Drive  
Saint Louis, MO 63146  
Contact: Nicole Azmanov



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Terracon were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

### Certified Sanborn Results:

**Certification #** 9190-429F-A94F

**PO #** 15217050

**Project** SIUE

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 9190-429F-A94F

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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**SIUE**

200 University Park

Edwardsville, IL 62025

Inquiry Number: 6615905.8

August 11, 2021

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Aerial Photo Decade Package

08/11/21

**Site Name:**

SIUE  
200 University Park  
Edwardsville, IL 62025  
EDR Inquiry # 6615905.8

**Client Name:**

Terracon  
11600 Lilburn Park Drive  
Saint Louis, MO 63146  
Contact: Nicole Azmanov



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:**

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2014	1"=500'	Flight Year: 2014	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
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1993	1"=500'	Flight Date: March 28, 1993	USGS
1991	1"=500'	Acquisition Date: January 01, 1991	USGS/DOQQ
1988	1"=500'	Flight Date: April 07, 1988	NAPP
1981	1"=500'	Flight Date: November 11, 1981	NHAP
1979	1"=500'	Flight Date: December 01, 1979	USGS
1974	1"=500'	Flight Date: May 01, 1974	USGS
1968	1"=500'	Flight Date: March 17, 1968	USGS
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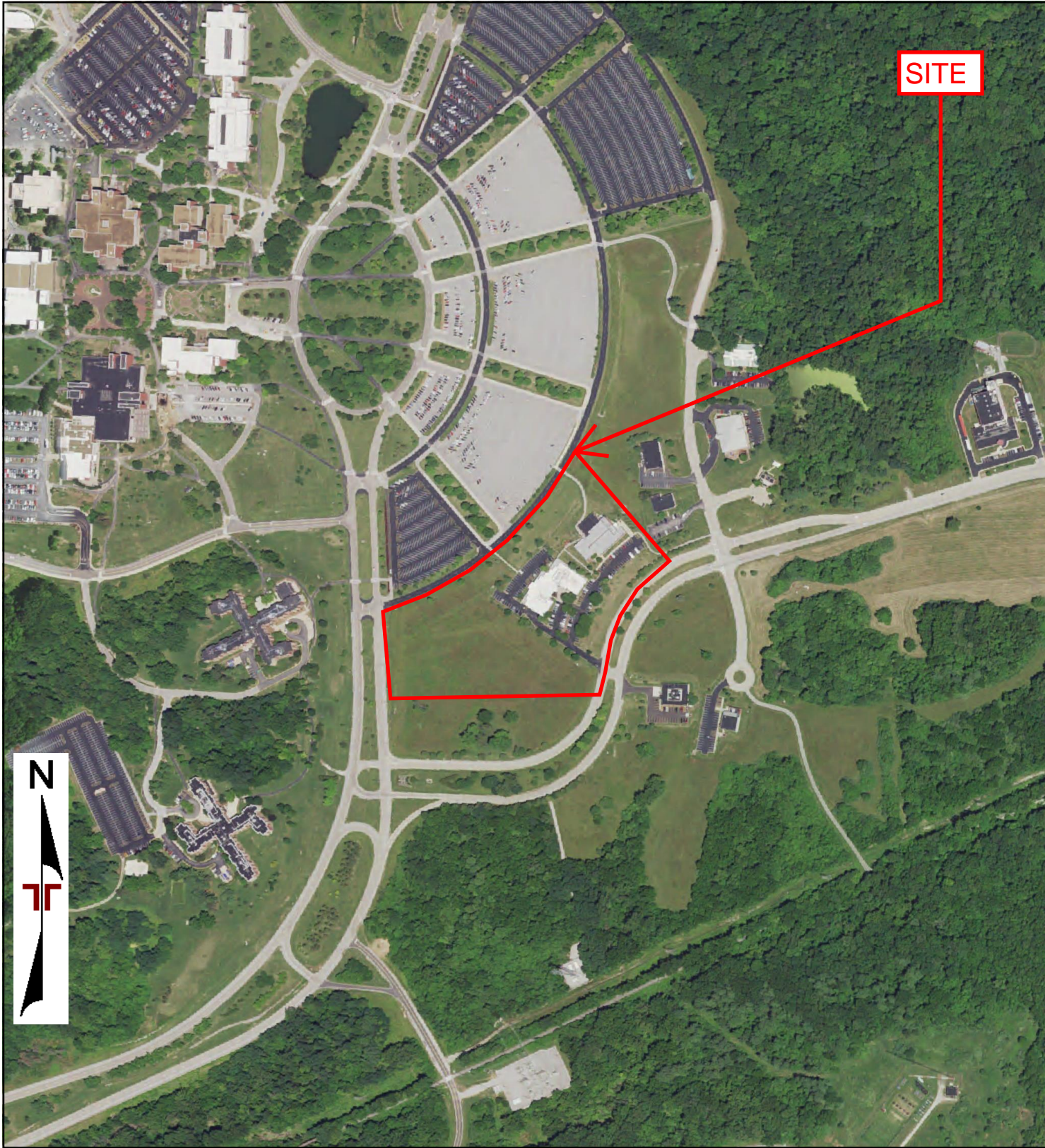
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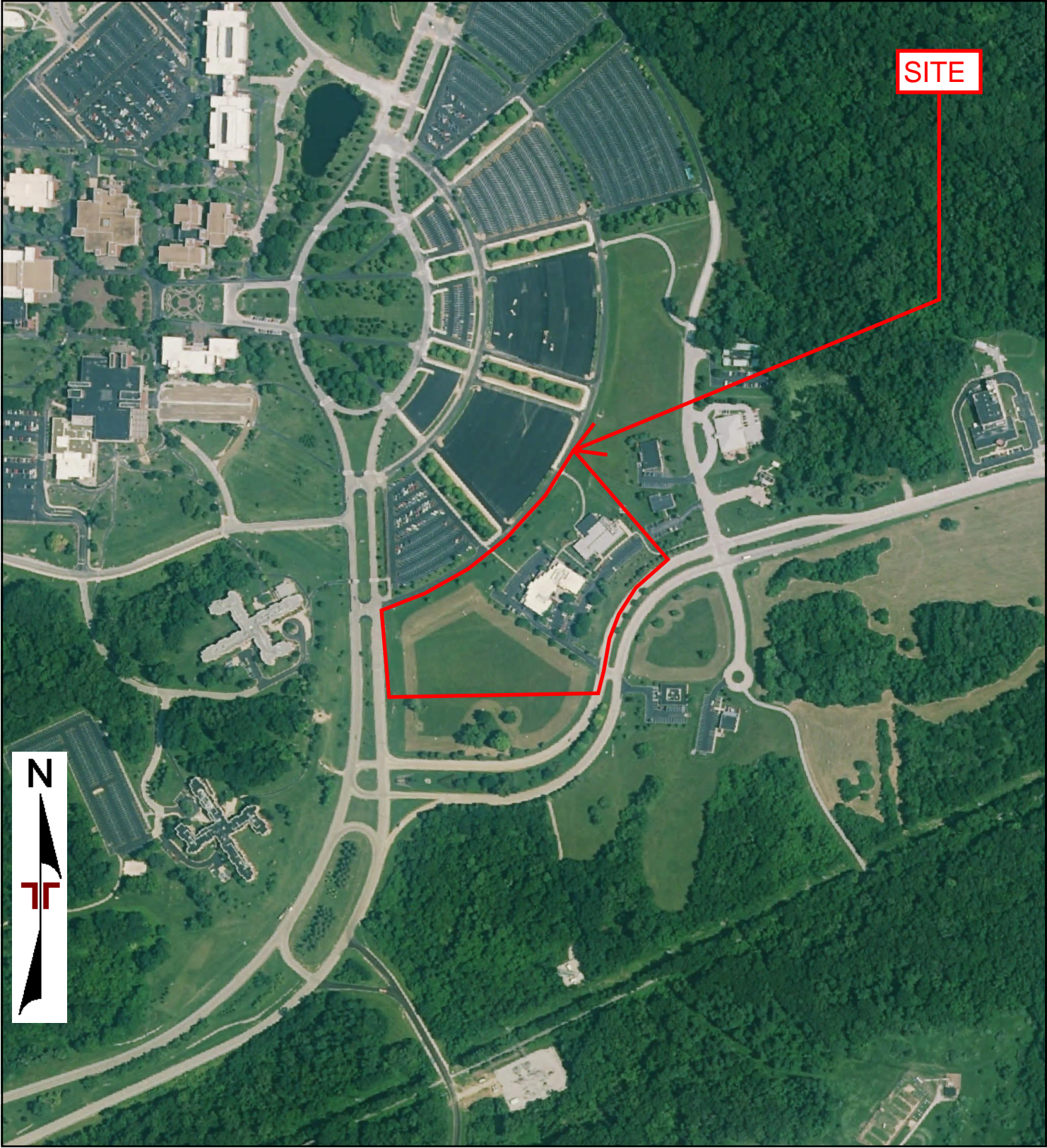
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Date:

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**Terracon**

2017 AERIAL PHOTOGRAPH




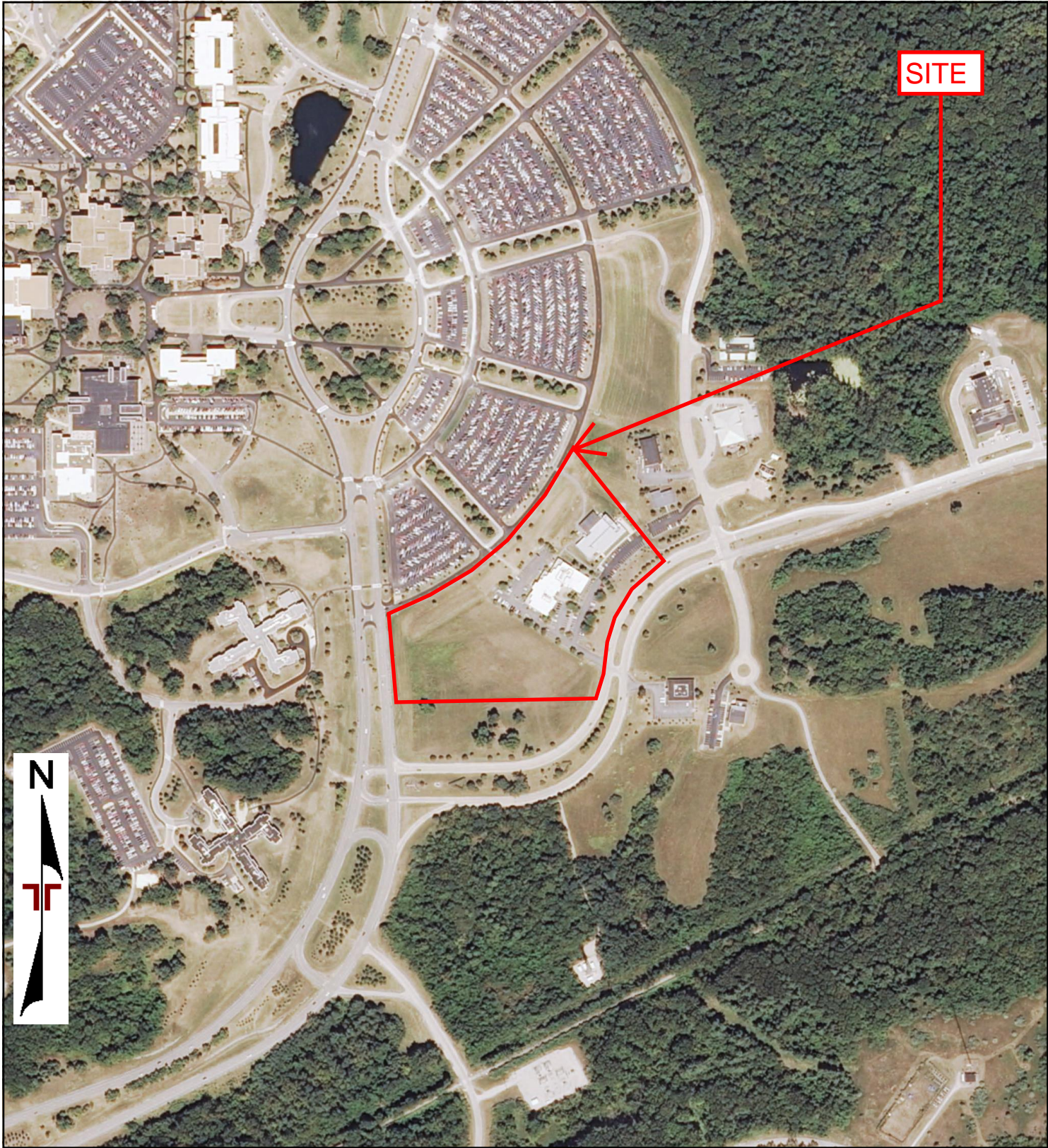
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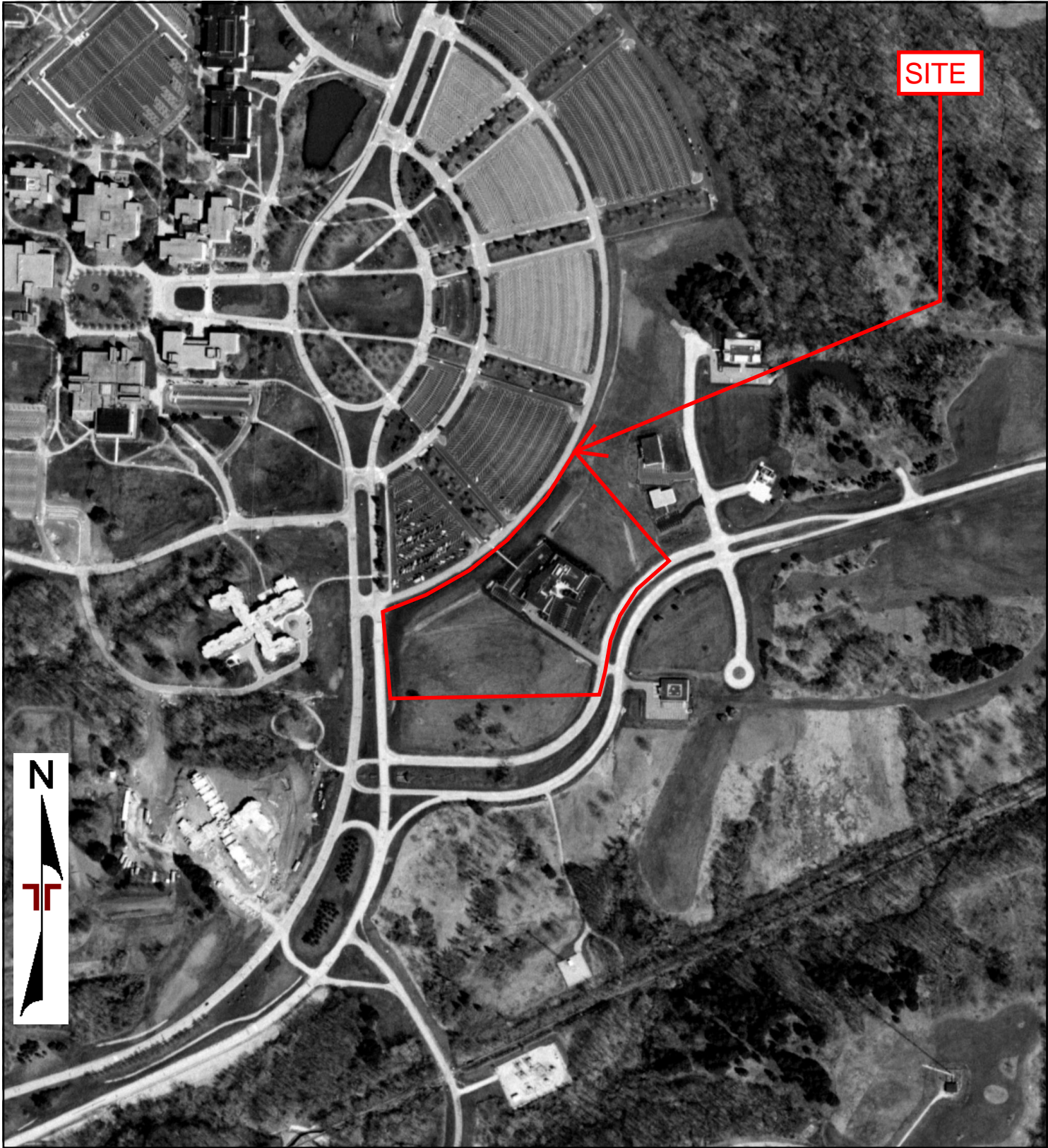
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**Terracon**

2007 AERIAL PHOTOGRAPH



**SITE**



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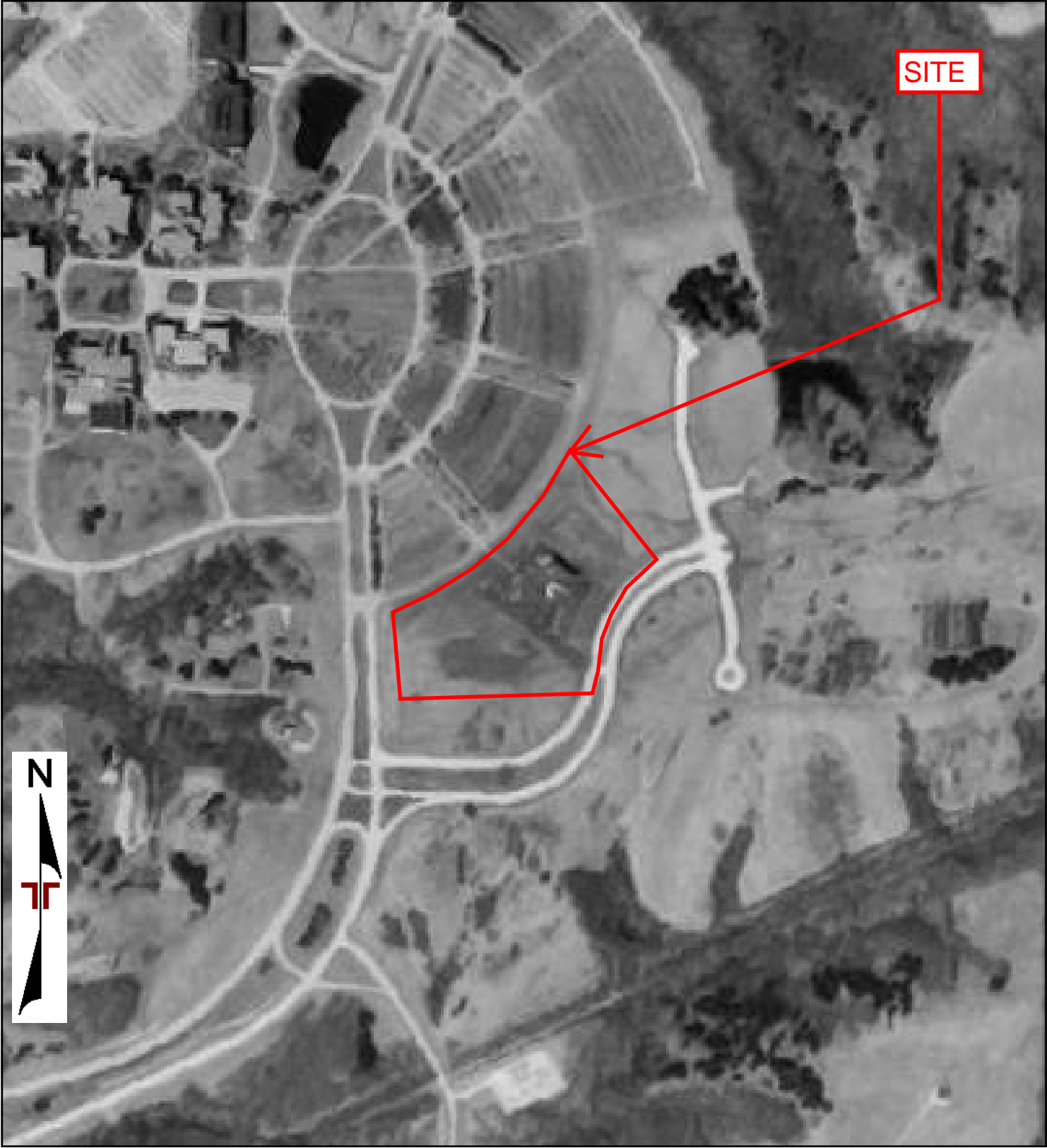
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Approved By:	Date:
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**Terracon**

1998 AERIAL PHOTOGRAPH



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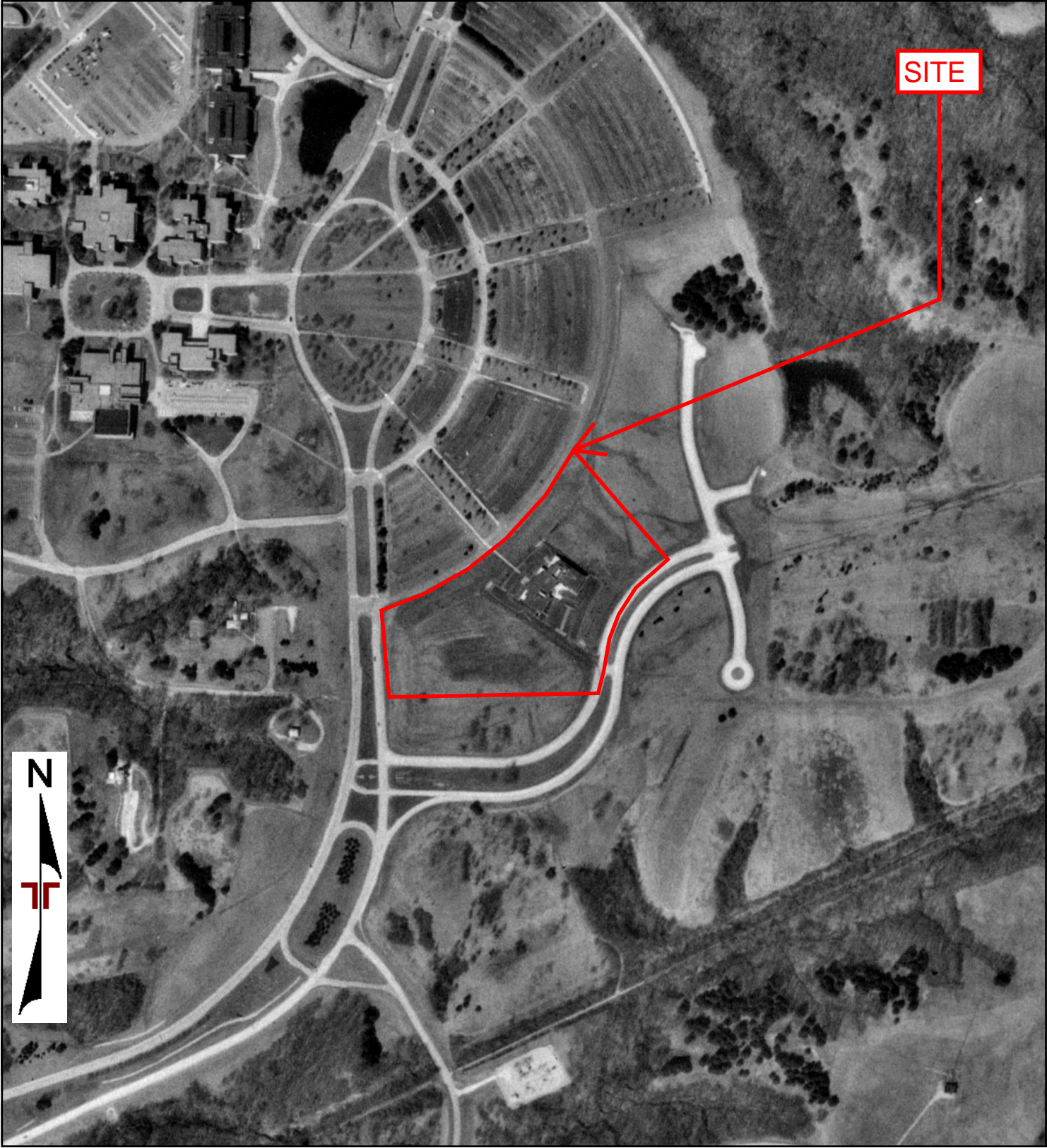
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**Terracon**

1993 AERIAL PHOTOGRAPH



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Project No:

Drawn By:

Scale:

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File Name:

Approved By:

Date:

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**Terracon**

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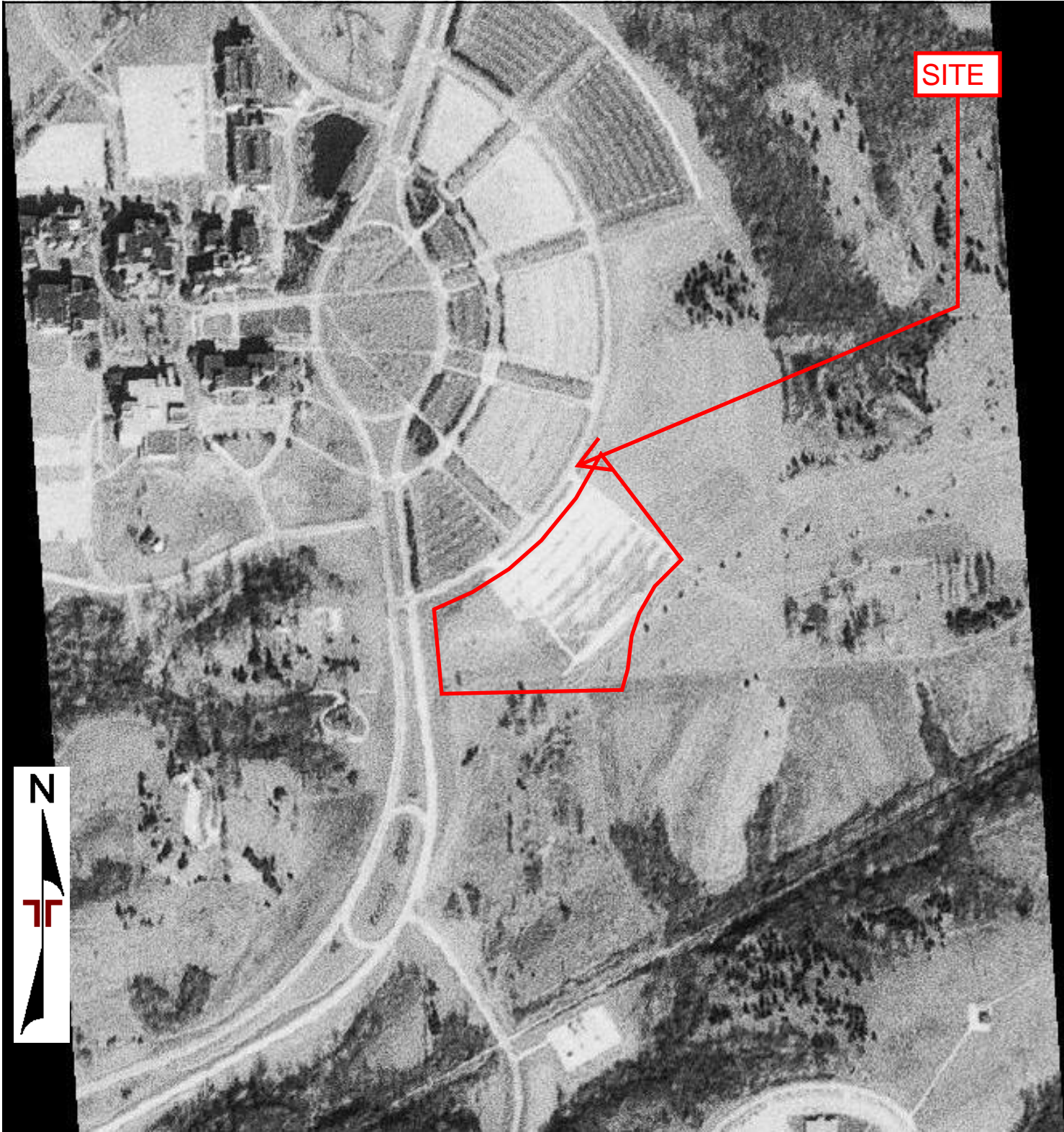
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**Terracon**

1981 AERIAL PHOTOGRAPH



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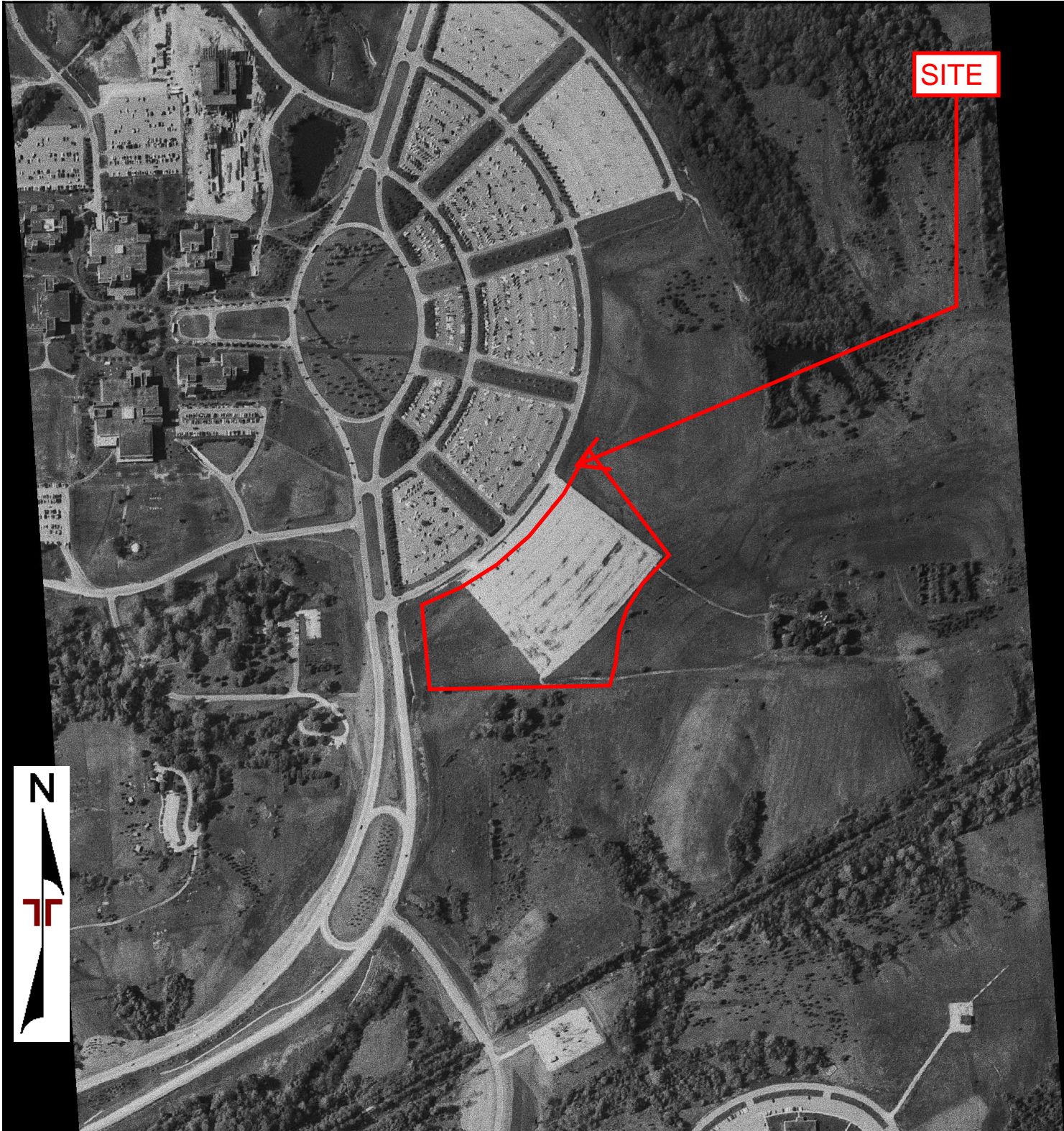
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**Terracon**

1979 AERIAL PHOTOGRAPH



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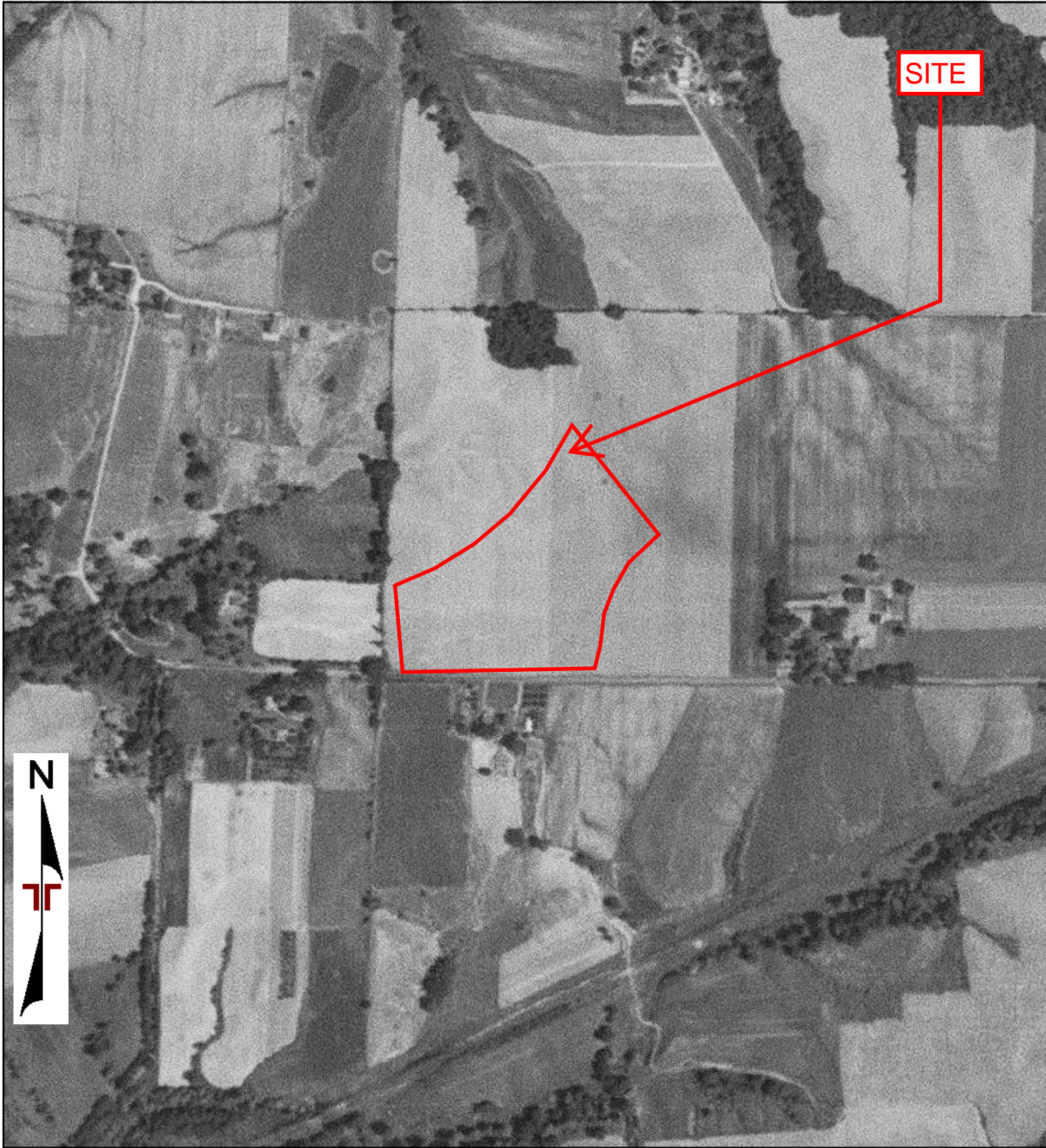
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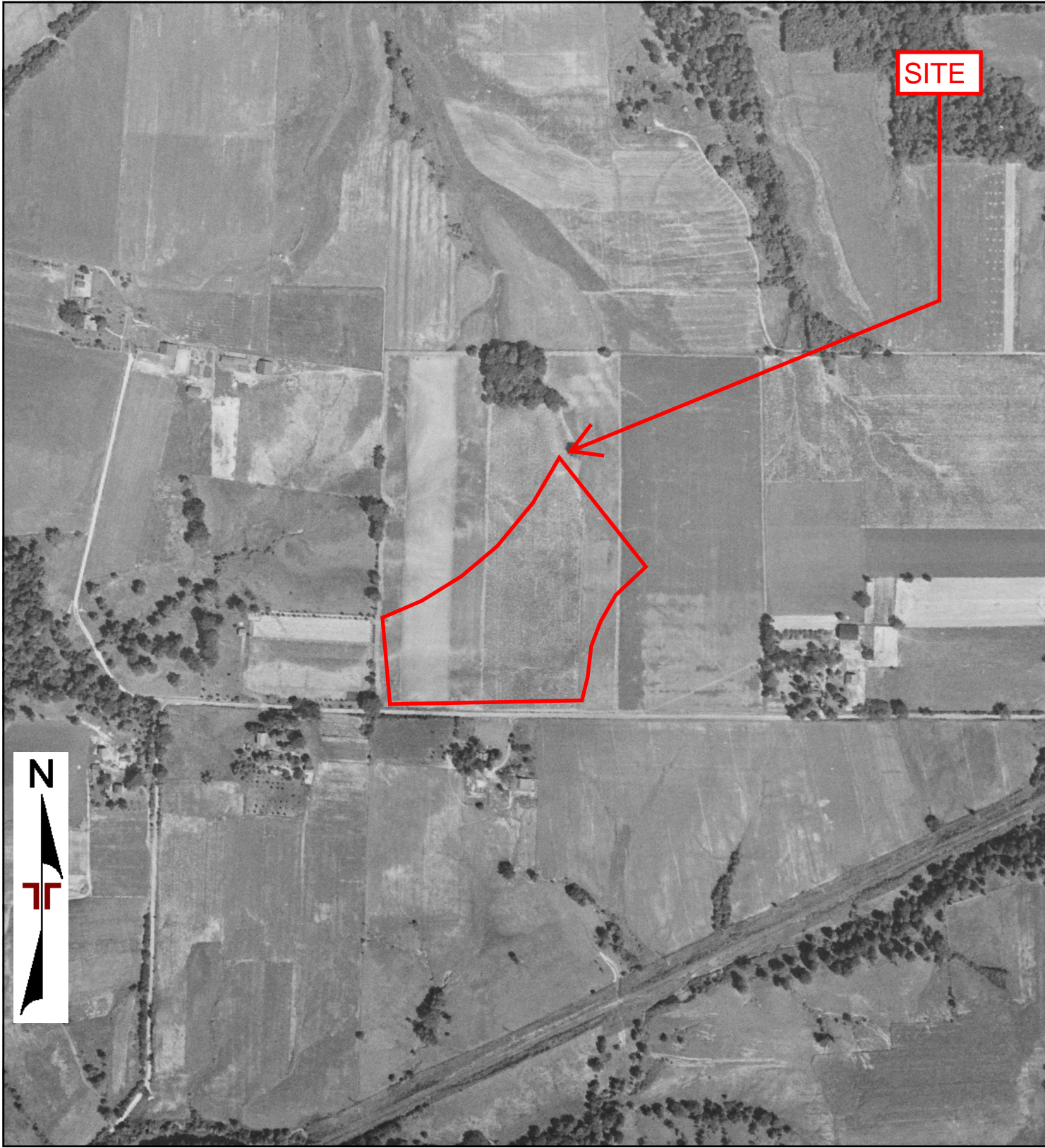
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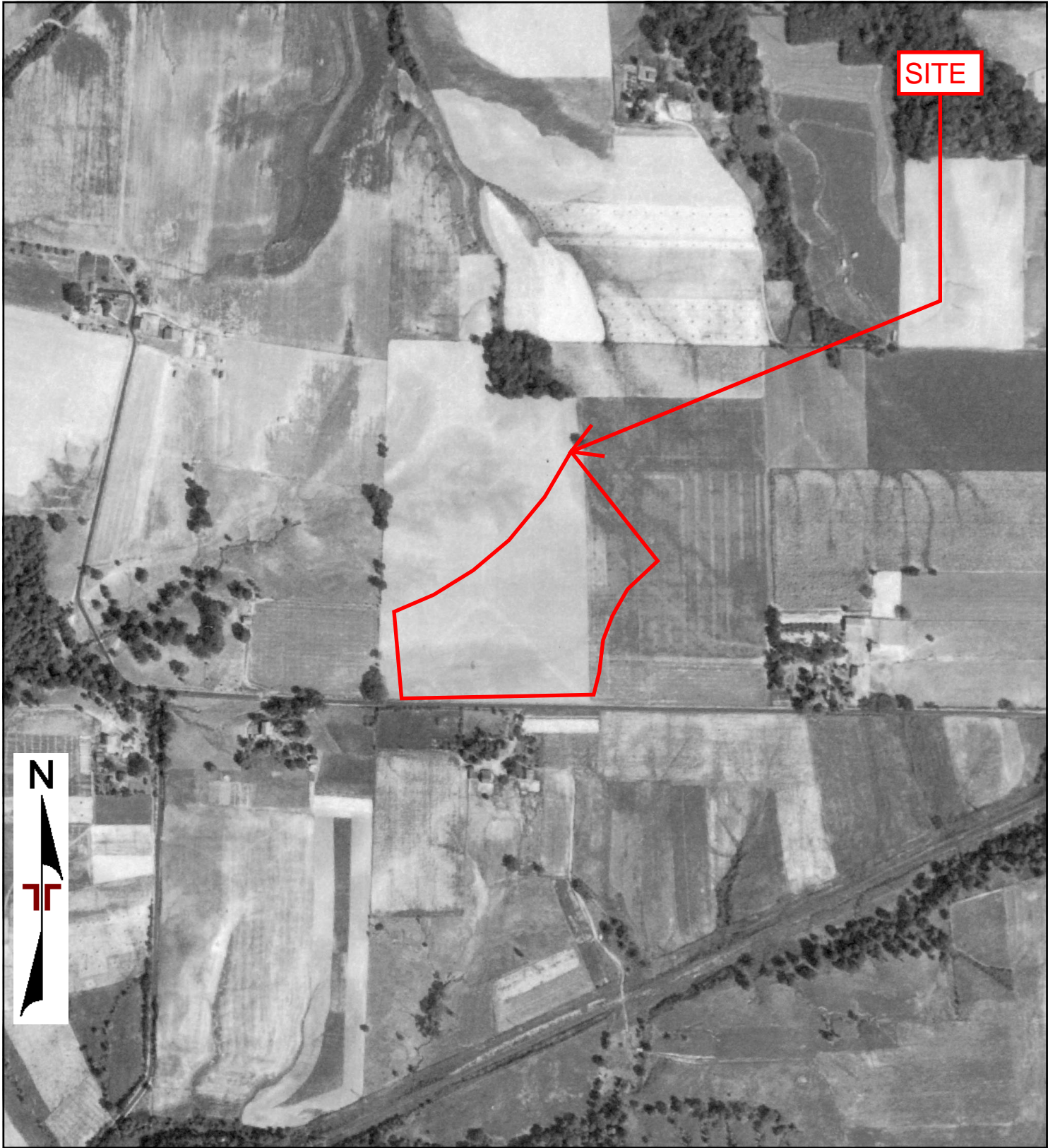
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**Terracon**

1945 AERIAL PHOTOGRAPH



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2000

Project Manager:	Project No:		1941 AERIAL PHOTOGRAPH	
Drawn By:	Scale:			
Checked By:	File Name:			
Approved By:	Date:			
	1941			

**SIUE**

200 University Park  
Edwardsville, IL 62025

Inquiry Number: 6615905.5  
August 17, 2021

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1987	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1982	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1977	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1972	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1967	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1961	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1956	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
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## FINDINGS

### TARGET PROPERTY STREET

200 University Park  
Edwardsville, IL 62025

Year

CD Image

Source

### UNIVERSITY PARK DR

2017	pg A4	EDR Digital Archive	
2014	pg A9	EDR Digital Archive	
2010	pg A13	EDR Digital Archive	
2005	pg A18	EDR Digital Archive	
2000	pg A23	EDR Digital Archive	
1995	pg A27	EDR Digital Archive	
1987	-	Polk's City Directory	Street not listed in Source
1982	-	Polk's City Directory	Street not listed in Source
1977	-	Polk's City Directory	Street not listed in Source
1972	-	Polk's City Directory	Street not listed in Source
1967	-	Polk's City Directory	Street not listed in Source
1961	-	Polk's City Directory	Street not listed in Source
1956	-	Polk's City Directory	Street not listed in Source

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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### N RESEARCH DR

2017	pg. A1	EDR Digital Archive	
2014	pg. A5	EDR Digital Archive	
2010	pg. A10	EDR Digital Archive	
2005	pg. A14	EDR Digital Archive	
2000	pg. A19	EDR Digital Archive	
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source
1987	-	Polk's City Directory	Street not listed in Source
1982	-	Polk's City Directory	Street not listed in Source
1977	-	Polk's City Directory	Street not listed in Source
1972	-	Polk's City Directory	Street not listed in Source
1967	-	Polk's City Directory	Street not listed in Source
1961	-	Polk's City Directory	Street not listed in Source
1956	-	Polk's City Directory	Street not listed in Source

### RESIDENCE DR

2017	-	EDR Digital Archive	Target and Adjoining not listed in Source
2010	-	EDR Digital Archive	Street not listed in Source
2005	-	EDR Digital Archive	Street not listed in Source
2000	-	EDR Digital Archive	Street not listed in Source
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source
1987	-	Polk's City Directory	Street not listed in Source
1982	-	Polk's City Directory	Street not listed in Source
1977	-	Polk's City Directory	Street not listed in Source
1972	-	Polk's City Directory	Street not listed in Source
1967	-	Polk's City Directory	Street not listed in Source
1961	-	Polk's City Directory	Street not listed in Source
1956	-	Polk's City Directory	Street not listed in Source

## FINDINGS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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### RESIDENCE DRIVE WOODLAND HAL

2014	pg. A6	EDR Digital Archive
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### UNIVERSITY DR

2017	pg. A2	EDR Digital Archive
2014	pg. A7	EDR Digital Archive
2010	pg. A11	EDR Digital Archive
2005	pg. A15	EDR Digital Archive
2000	pg. A20	EDR Digital Archive
1995	pg. A24	EDR Digital Archive
1992	pg. A28	EDR Digital Archive
1987	-	Polk's City Directory
1982	-	Polk's City Directory
1977	-	Polk's City Directory
1972	-	Polk's City Directory
1967	-	Polk's City Directory
1961	-	Polk's City Directory
1956	-	Polk's City Directory

		Target and Adjoining not listed in Source
		Target and Adjoining not listed in Source
		Target and Adjoining not listed in Source
		Target and Adjoining not listed in Source
		Target and Adjoining not listed in Source
		Target and Adjoining not listed in Source
		Target and Adjoining not listed in Source

## **City Directory Images**

**N RESEARCH DR 2017**

1	EDWARDSVILLE GLEN CARBON CHAMBER OF
	SOUTHERN ILLINOIS UNIVERSITY EDWARDS
47	EARLY EXPLORATIONS INC
95	ADDICTION TREATMENT STRATEGIES
	ASSURANCE BROKERS LTD
	SHOP N SAVE
100	JUNEAU ASSOCIATES INC PC

## UNIVERSITY DR

2017

832	SHAW, SCOTT W
836	ZIMMERMAN, WILLIAM D
1000	ESIC UNIVERSITY BAPTIST CH
1040	AFRIYIE, EDWIN
	HUIZENGA, ALEC
	KAGALWALLA, HRITVI
	MARCUM, BRADLEY T
	METTE, NATALIE
	RIMAR, CHRIS
	SHEPPERD, RICKY A
	SRINIVASAN, SRIRAM
1070	GARRISON, AARON E
	MESSINA, DOMINIC R
	MORRIS, LAUREN N
	WOLF, ZACH
1095	UNION STREET APARTMENTS
	UNIVERSITY NURSING & REHABILITATIO
1111	KINDRED HEALTHCARE
	STILLWATER SENIOR LIVING
1121	DANIEL D GORAN MD
	GATEWAY REGIONAL MEDICAL CENTER
	PAINTER BENEDICT MD
	PATRICK MASCHING MD
	ROSEWOOD HOME HEALTH SERVICES
1123	HEARTLAND PEDIATRICS
1124	ARCOT, RAJKUMAR
	H P MANAGEMENT INC
	SILVEY, CHARLES S
	TIMMERMANN, KATE E
1144	CRANDALL, MARGARET
	FARHAN, FRIDAH
	HENSLEY, EMILY
	KELLY, JODIE
1150	INSAIDOO, THEODORA
1152	SAAVEDRA, ARMIDA
1154	OLALDE, CAITLIN
1160	SCHENK, SHANNON
1162	FALK, NATHAN
1202	SUTTON, RUTH H
1204	LAMMERT, ROBERT P
1206	DEIST, NORMA K
1210	TRICE, MARY J
1212	ANDERSON, PATRICIA A
1214	BENSON, JEAN A
1218	RANDALL, CHRIS J
1224	BAKER, JOHN M
1230	G C CUISINE & CRYSTAL GARDEN
1254	ALLSTON CAPITAL
	B J G PROPERTIES
	RELIANCE BANK

**UNIVERSITY DR****2017****(Cont'd)**

1254 SUMMERS COMPTON WELLS  
1261 DANIEL D GORAN MD  
EDWARDSVILLE IMAGING CENTER  
EDWARDSVILLE SLEEP CENTER  
GATEWAY NEUROLOGY  
GATEWAY REGIONAL MEDICAL CENTER  
PHYSICAL THERAPY OF ST ELIZABETH HEA  
WEINHEIMER LAW OFFICE

**UNIVERSITY PARK DR****2017**

195	CHRISLANDS INC
200	CHRISLANDS INC
	DIMOND BROS INSURANCE LLC
	LEADERSHIP COUNCIL SOUTHWESTERN ILLI
	PSI PROFESSIONAL SERVICE INDUSTRIES
	THE ALLIANCE OF EDWARDSVILLE & GLEN
400	NATIONAL CORN TO ETHANOL RESEARCH CE
480	S WICSIU CREDIT UNION

**N RESEARCH DR 2014**

1	SOUTHERN ILLINOIS UNIVERSITY EDWARDS UNIVERSITY PARK SIUE INC
47	EARLY EXPLORATIONS INC
95	ADDICTION TREATMENT STRATEGIES ASSURANCE BROKERS LTD CROUCH FINANCIAL LLC
100	JUNEAU ASSOCIATES INC PC

**RESIDENCE DRIVE WOODLAND HAL 2014**

1 TEAGUE, THOMAS

## UNIVERSITY DR

2014

832 SHAW, SCOTT W  
 836 ZIMMERMAN, WILLIAM D  
 916 OCCUPANT UNKNOWN,  
 920 SUWE, MICHAEL E  
 924 JACKSON, KYLE L  
 925 LASK, DONALD J  
 931 HAGAN, CHRISTOPHER P  
 937 HARRIS, JON J  
 943 SELIMI, AGIM B  
 944 NEUENDANK, THOMAS W  
 946 MEYER, TONIA M  
 949 HEMBRUCH, JOHN C  
 954 OCCUPANT UNKNOWN,  
 955 DETOYE, DENNIS P  
 961 OLAUGHLIN, MARK C  
 962 CROUCH, GARY B  
 970 JONES, ORLANDO T  
 973 LOWE, JOSHUA D  
 976 LEDBETTER, MELISSA  
 OCCUPANT UNKNOWN,  
 STRICKLAND, RENITA M  
 979 WAHL, KENNETH H  
 980 FARLEY, ANGELL C  
 JACKSON, JERRY  
 MONROE, ANDRE  
 OCCUPANT UNKNOWN,  
 SCHOOLEY-BINKLEY, RENEE S  
 985 RICHARDSON, BETTY J  
 991 MUCKENSTURM, MARK A  
 1000 ESIC UNIVERSITY BAPTIST CH  
 1040 KORZA, KELLY  
 METTE, NATALIE  
 NAGANE, SACHIN G  
 RIMAR, CHRIS  
 SILVEY, CHARLES C  
 1070 MORRIS, LAUREN  
 NELLURI, AVINASH  
 NICHOLSON, BROCK N  
 REMY, TAMAIRA M  
 WILSON, ANDREW F  
 WOLF, ZACH  
 1095 BIO TECH MEDLAB  
 UNION STREET APARTMENTS  
 UNIVERSITY NURSING & REHAB  
 1121 ADAMS MICHAEL C MD  
 BENEDICT PAINTER MD  
 GATEWAY INFRASTRUCTURE SERVICES  
 GATEWAY REGIONAL MEDICAL CENTER  
 HARMON LAWRENCE T MD  
 HEARTLAND HEALTHCARE

## UNIVERSITY DR

2014

(Cont'd)

1121	KONZEN KEVIN L MD MARTIN THOS F MD MASCHING PATRICK MD PAXTON TODD DO ROSEWOOD HOME HEALTH SERVICES
1124	HP MANAGEMENT SWAMINATHAN, ARJUN WALKER, LORIN M
1144	BARKER, BRIGETTE L HAFIZ, ANEESUR PARKER, RYAN P ROBINSON, HARMONY TUEY, BRANDON
1150	OCCUPANT UNKNOWN,
1152	DULL, BRANDON
1154	SNELL, DANA
1160	OCCUPANT UNKNOWN,
1162	GOODE, JUSTIN
1164	WELLS, COURTNEY
1166	EBO, SCOTT U
1202	SUTTON, RUTH H
1204	LAMMERT, BOB
1206	DEIST, NORMA K
1208	OCCUPANT UNKNOWN,
1210	TRICE, MARY J
1211	CARAZO, ELIZABETH
1212	ANDERSON, PATRICIA
1214	SEITER, MATTHEW V
1216	FISHER, BRADLEY W
1218	WINTER, CHRIS J
1220	WIEMERS, O
1224	BAKER, JOHN M
1230	G C CUISINE & CRYSTAL GARDEN
1254	FARMERS INSURANCE GROUP NORTHWESTERN MUTUAL FINANCIAL NETWORK
1261	EDWARDSVILLE HEALTH CENTER SLEEP CEN EDWARDSVILLE IMAGING CENTER GATEWAY REGIONAL MEDICAL CENTER GORAN DANIEL D PHYSICAL THERAPY OF ST ELIZABETH HEA YABLONSKY DAVID DR

**UNIVERSITY PARK DR****2014**

195	CHRISLANDS INC
	KILFROST
	TRI COR INDUSTRIES INC
200	DIMOND BROS INSURANCE AGENCY INC
	EDWARDSVILLE GLEN CARBON CHAMBER OF
	LEADERSHIP COUNCIL SOUTHWESTERN ILLI
	PSI PROFESSIONAL SERVICE INDUSTRIES
	SACHS ELECTRIC
400	NATIONAL CORN TO ETHANOL RESEARCH CE
480	SWICSIU CREDIT UNION

**N RESEARCH DR 2010**

1	UNIVERSITY PARK SIUE INC
47	EARLY EXPLORATIONS
95	ASSURANCE BROKERS LTD
100	JUNEAU ASSOCIATES INC

## UNIVERSITY DR

2010

832	SHAW, SCOTT W
836	HACKETT, RITA K
916	LEWIS, GARY M
920	SUWE, MICHAEL E
924	JACKSON, KYLE L
925	LASK, DONALD J
931	HAGAN, BRIAN J
937	HARRIS, ROBERT L
944	HAGARTY, MICHELLE M
946	GANDER, TONIA M
949	HEMBRUCH, JOHN C
954	JUSTICE, RONALD V
961	OLAUGHLIN, MICHAEL E
962	CROUCH & ASSOC
	CROUCH, GARY B
967	BORN, LARRY D
970	JONES, ORLANDO L
973	LOWE, JOSHUA D
976	LEWIS, VIRTIS
979	WAHL, KENNETH H
980	FARLEY, ANGELL C
	HAMLIN, MARK
985	RICHARDSON, BETTY J
991	MUCKENSTURM, MARK A
995	DETOYE, DENNIS P
1000	ESIC UNIVERSITY BAPTIST CHURCH
1040	BOUAS, DANE
	CAMPBELL, FLOYD D
	EPPERSON, DAVID
	KAREEMULLH, SYED
	MANI, AJAI
	METTE, NATALIE
	NIDHI, MORDIA
	PETERSEN, ELAINE
1070	BURKETT, MEGAN
	NARRAVULA, SRIHARSHA
	REMY, T
	SAMBHARI, SRIGODERDHAN
	SHABROU, PATRICIA
	SRINIVASA, NAGENDRA P
	WILSON, ANDREW M
1095	UNIVERSITY NURSING & REHAB CTR
1121	DAVID YABLONSKY DR
	EDGEWOOD PROGRAM
	EDWARDSVILLE HEALTH CTR
	EDWARDSVILLE PHYSICAL THERAPY
	ELKHATIB RUNDA MD
	GATEWAY REGIONAL MEDICAL CTR
	GORAN DANIEL D MD
	HEARTLAND HEALTHCARE

## UNIVERSITY DR

2010

(Cont'd)

1121	KLUETER BROTHERS NIGAM SANJAY K MD
1123	HEARTLAND PEDIATRICS
1124	CORY, ROBERT H P MANAGEMENT INC STEARNS, CRYSTAL WALKER, LORIN WISE, J WOLFE, CHARITY
1144	FRALINGER, EMMY PERVAIZ, ADEEL
1150	OSAFO-ACQUAAH, MARIAN
1156	DICKY, SHANNON
1160	KHAN, NASR
1166	SANDERS, LAURIE
1202	SUTTON, RUTH H
1204	LAMMERT, ROBERT P
1206	DEIST, STEVEN L
1208	KILLEBREW, CARL R
1210	CARAZO, ELIZABETH
1212	PRUETZEL, RANDAL R
1216	FISHER, BRADLEY W
1218	WINTER, CHRIS J
1220	WIEMERS, HELEN B
1224	BAKER, JOHN M
1230	G C CUISINE & CHERUB GARDENS
1254	RELIANCE BANK

**UNIVERSITY PARK DR**

**2010**

200	ALLIANCE OF EDWARDSVILLE EDWARDSVILLE GLEN CARBON CHMBR HAUSER GROUP INC HSL INC LEADERSHIP COUNCILSW ILLINOIS SACHS ELECTRIC
202	UNIVERSITY OF ILLINOIS
400	NATIONAL CORN TO ETHANOL RSRCH
480	SWICSIU CREDIT UNION

**N RESEARCH DR 2005**

1	UNIVERSITY PARK SIUE INC
47	EARLY EXPLORATION INC
95	METLIFE FINANCIAL SERVICES
100	JUNEAU ASSOCIATES INC PC
110	DOT EZL CO
	WESTGATE RESEARCH

## UNIVERSITY DR

2005

836	HACKETT, RITA K
916	LEWIS, GARY M
920	SUWE, MICHAEL E
924	MORRIS, JEFF D
925	LASK, DONALD J
931	HAGAN, BRIAN J
937	HARRIS, ROBERT L
943	LAND, JEFFREY B
944	HAGARTY, DOUGLAS C
946	ELAM, RANDALL L
949	HEMBRUCH, JOHN C
954	JUSTICE, SHONDA
955	DETOYE, DENNIS P
961	OLAUGHLIN, MICHAEL E
962	CROUCH, GARY B
967	BORN, LARRY D
970	JONES, RONALD W
973	LOWE, JOSHUA D
979	WAHL, KENNETH H
985	RICHARDSON, BETTY R
991	HARLOW, JANICE M
1000	ESIC UNIVERSITY BAPTIST CHURCH
1040	ANGLE, JILL M
	BURDICK, CASSIA
	EDWARDS, JAMES E
	KAMPHAUS, MARK A
	KOMMINENI, RAHUL
	MADABHUSHANAM, MADHAVAN R
	MATTINGLY, JADE
	MEDIKONDA, VAMSI
	MIKKILI, RAJA
	NAGANE, SACHIN G
	OBRIEN, BETHANY
	OKERLUND, BLADE
	REDDY, SHARATH
	VENHAUS, RYAN
1070	ABRAHAM, VIPIN
	BECKER, KATHERINE
	DUBEY, ASHOK
	ENGLAND, RONALD R
	FARRIS, KIMBERLY I
	KALAKADA, NAZEER
	KAUS, WILLIAM
	KOTHAKAPU, VIJAY R
	LANDRE, KELLY A
	LEHR, WILLIAM D
	MEYER, LUCAS
	SCHULTZ, TUMELO J
	WALL, APOLLO W
1095	DONNA, LAWRENCE

## UNIVERSITY DR

2005

(Cont'd)

1095	SUNBRIDGE CARE / REHAB UNIVERSITY UNIVERSITY MANOR
1121	AMERICAN RED CROSS SOUTHWESTERN IL CUNNINGHAM CLINICAL RESEARCH GATEWAY REGIONAL MEDICAL CENTER HEARTLAND HEALTHCARE PEDIATRICS MADISON COUNTY INTERNAL MEDCN NIGAM SANJAY MD SOUTHERN ILLINOIS ASSOCS THOMAS F MARTIN MD
1124	ACOSTA, EMMA I AFOLAYAN, OLAOLU AJJARAPU, MADHAVI ASAMOA, YAW DHANAKODI, S EDWARDS, LUCAS R H P MANAGEMENT INC HEYDUCK, WILLIAM J KLINCAR, ASHLEY MILLS, JOHN T MOSS, MYRA OYOVWIKIMO, EDMUND PARVAPHANENI, PRASANNA SCOTT, MEGHAUN L SWAMINATHAN, ARJUN UNTERBRINK, SARA VENKATARAMAN, ASHOK WHITE, ZACKARY L WOODCREST APARTMENTS
1144	FARAZ, AHMAR HAJMIRFATTAH, FARROKH HILTON, BRANDON C JAFFERY, SYED PERVAIZ, ADEEL TRICE, DENISE YOST, ERIN J
1150	OSAFO, MARIAN
1152	BRAWNER, JAMES
1154	GRENIER, MELISSA
1156	SWINGLER, CARRIE J
1160	WOODSIDE, AARON M
1164	PORTER, MARY V
1202	DEIST, CARRIE S
1204	INSIDE OUT MINISTRIES
1206	DEIST, NORMA K
1208	KILLEBREW, CARL R
1212	HAMMOND, GERALD E
1214	BREDIGER-SEITER, MARTHA
1216	FISHER, BRADLEY W
1218	WINTER, CHRIS J

**UNIVERSITY DR****2005****(Cont'd)**

1220	WIEMERS, HELEN B
1222	DYKSTRA, CHRISTOPHER J
1224	BAKER, JOHN M
1230	G C CUISINE
	G C CUISINE & CHERUB GARDENS

**UNIVERSITY PARK DR**

**2005**

200 AGRI GROWTH RESEARCH  
 AGRICULTURAL GROWTH RESEARCH & RESOU  
 EDWARDSVILLE EXTENSION UNIV OF IL  
 EDWARDSVILLE GLEN CARBON C OF C  
 GATEWAY MEDICAL RESEARCH INC  
 HAUSER GROUP INC THE  
 HSL INC  
 HYBRID SYSTEMS LTD INC  
 LEADERSHIP COUNCIL SOUTHWESTERN ILLI  
 UNIVERSITY OF ILLINOIS OUTREACH  
 202 UNIV OF IL OUTREACH AND PUBLIC SERVI  
 400 NATIONAL CORN  
 492 THE KORTE CO

**N RESEARCH DR 2000**

1	UNIVERSITY PARK SIUE INCORPORATED
95	DONTECH LOCAL ADVERTISING SALES OFFICE
	GENERAL LIFE INS COMPANY OF AMERICA
100	PISTRUI GROUP INCORPORATED
110	E ZL DOT COM INCORPORATED
	WESTGATE RESEARCH

## UNIVERSITY DR

2000

916	LEWIS, WILLIAM B
924	MORRIS, JEFF
925	PETERSON, JAMES E
943	LAND, JEFF
944	WRIGHT, DOUGLAS S
946	ELAM, RANDY L
949	BARLOW, ROBERT L
954	KAPPLER, EDNA J
955	DETOYE, DENNIS P
961	OLAUGHLIN, MARY E
962	CROUCH, GARY
967	BORN, LARRY
970	JONES, ORLANDO L
973	LOWE, J
979	WAHL, KENNETH
985	SCHAUERTE, MARTIN G
1000	ESIC UNIVERSITY BAPTIST CH
1040	COWDEN, RACHEL B
	DEBOUCK, JOE M
	DOMBROWSKI, J
	EDWARDS, JAMES C
	FAHRNER, ANGELA C
	GREEN, PATRICK
	KOMMINENI, RAHUL
	KRISHNAPILLA, SNEHA
	LU, X
	MCCLAIN, KEVIN
	OTTOMEYER, KEVIN
	PAONI, LAURYN
	RAGHAVAPUDI, KIRAN
	RAHUL, K
	SREEDHARA, R
	STEPHANIE, R
	VALLO, ERIC
	WANG, X
	WATTS, MICHAEL
1070	BACON, RYAN
	BERRY, RODNEY L
	BLOOD, TYLER
	BYLER, MELBA
	DICK, ANDREW
	JACKSON, JAMES
	LANDRE, KELLY
	LANE, AMY
	LI, WEIHUA
	MCCANN, ROBERT J
	MEYER, CAROLYN M
	NORDMOE, MATTHEW E
	THOMASON, TRAVIS
	TRIEBES, STEVEN

## UNIVERSITY DR

2000

(Cont'd)

1070	WEIN, JOANNE
	WILLIAMS, TED
1095	SUN RISE CARE & REHABILITATION UNIVERSITY DR
1121	ADAMS MICHAEL C MD
	BENEDICT PAINTER MD
	CLINICAL RESEARCH ASSOCIATES OF EDWARDSVILLE
	CUNNINGHAM LYNN A MD
	EDGEWOOD PROGRAM THE
	EDWARDSVILLE HEALTH CENTER
	HARMON LAWRENCE T MD
	HEARTLAND HEALTHCARE
	HEARTLAND HEALTHCARE PEDIATRICS
	HERATLAN & D HEALTHCARE
	KIM J HOON MD
	KONZEN KEVIN L MD
	MALNAR GERARD MD
	MARTIN THOMAS F MD
	PAXTON TODD DO
	TRIMMER JEANNE M MD
1123	WHALEN JOSEPH L MD
1124	ACOSTA, EMMA I
	BAJAJ, ASHOK
	DUTTON, ETTA
	HELDENBRAND, KATHY M
	HELM, ROBERT
	KELLEY, CHAD
	LEE, K
	VENKATRAMA, ASHOK
1144	FLOYD, LEETIS C
	FUZZELL, JEFF J
	HILTON, BRANDON C
	KHAN, ROSEY
	KOLEINI, NANCY E
	SCHEIBE, JEREMY
	STEELE, N E
	ZHENG, WEI
1150	JONES, JOSHUA I
1152	DIORIO, TAMI
1154	MERCER, C D
1160	DODILLET, BRIAN
	NOYES, MATTHEW
	YOUNT, BYRON
1162	PORTER, MARY
1164	STUDEBAKER, ARNY
	YU, YONG
	YUAN, YING
1166	PERNICKA, SHAWN T
1202	OAKLEY, MERLE
1204	DOOLEY, CHAD
	HOFFMAN & DOOLEY APPRAISAL COMPANY

**UNIVERSITY DR****2000****(Cont'd)**

1206	DEIST, NORMA K
1208	KILLEBREW, CARL
1210	LOMBARD, ROBERT C
1214	BREDIGE-SEITER, M
1216	COPE, JANET
1218	RANDALL, JOHN
	WINTER, CHRIS J
1220	RODERICK, MILFORD J
1224	RATCHFORD, WC S

**UNIVERSITY PARK DR      2000**

200      CHAMBER OF COMMERCE LAND OF GOSHEN  
EDWARDSVILLE GLEN CARBON CHAMBER OF COMMERCE  
GRANDONE HAUSER INCORPORATED  
HYBRID SYSTEMS LIMITED INCORPORATED  
JUNEAU ASSOCIATES INCORPORATED PC  
LAND OF GOSHEN CHAMBER OF COMMERCE  
LEADERSHIP COUNCIL SOUTHWESTERN ILLINOIS  
UNIVERSITY OF ILLINOIS EXTENSION EDUCATION  
WESTGATE REALTY

## UNIVERSITY DR

1995

924	OTT PEST CONTROL
	OTT, JACK
925	PETERSON, JAMES E
931	HAGAN, BRIAN
937	BRYAN, LEANN
943	GATTON, BECKY
944	LOYET, DEBBIE
	PARKER, NEIL
946	ELAM, RANDY L
949	ADKINS, JUDITH A
954	JOUETT, ROLLAN
955	DETOYE, DENNIS P
961	OLAUGHLIN, MARY E
962	CROUCH, GARY
967	BORN, LARRY
970	JONES, ORLANDO L
973	MCMICHAEL, DENNIS J
979	WAHL, KENNETH H
985	SCHAUERTE, MARTIN G
991	HARLOW, JANICE M
1000	ESIC UNIVERSITY BAPTIST CHURCH
1040	BRIGGS, BYRON
	BUTLER, TRACY
	COYLE, CHRIS
	FARRAH, RANDALL
	GEISLER, KEVIN
	GENTLEMAN, K
	HENDRICKS, RUBY
	LAUBE, L
	SCHMIDT, C W
	SCHROEDER, TODD
	SWIATEK, JEFFREY A
	WALKER, AARON
1070	ALKAABI, JUMA
	ANDERSON, JANET
	CASSENS, ALLISON
	COREY, GEORGE
	DUFOUR, DAVID
	EDWARDS, JAMES
	FOEGE, STEPHEN
	FORD, TERESA B
	FORGE, STEPHEN
	FRUTH, SHELLEY
	JACKSON, JAMES
	JOHNSON, STACY
	MARTENS, DAVID L
	MOORE, SCOTT
	PITTS, PAUL
	RIGGS, GREGORY
	SADLER, MELODY S

## UNIVERSITY DR

1995

(Cont'd)

1070	STEWART, STEPHEN
	VOSTER, MARK
1095	ISOM, BOBBY
	JUDD, MILDRED
	KEAN, NETTIE V
	UNIVERSITY MANOR LTD
1121	MALNAR, GERARD
1123	BAILEY, GREGORY J
	CRAIG A BEYER MD
	GREGORY J BAILEY MD
	ILLINOIS SW ORTHOPEDICS LTD
	KEVIN KONZEN MD
	MALNAR GERARD MD
	PETER J ANDERSON MD
	SOUTHWESTERN ILLINOIS HEALTH
	THOMAS F MARTIN MD
1124	CARLSON, RYAN
	DANIELSON, DANIEL
	HARTZEL, WENDY
	KEMPER, KAYCE
	KLEINFELD, C
	KOHLBURN, WILLIAM
	MARETTI, R J
	MILLS, JOHN T
	NAWFAL, ROGER
	ORTEGA, C
	TADHAKRISHNAN, R
	VLAHAVAS, JOANNA
	WIDLOWSKI, JOSEPH
1144	BIGELOW, LOIS D
	FLOWERS, VIRGIL
	GOEWEY, VALERIE
	HOLDER, ALISHA
	LAU, I
	RYAN, MATTHEW
	STACK, J
	VORDTRIEDE, PAUL
	WHITSON, LORREN
1150	OCCUPANT UNKNOWNN
1152	BENTHALL, ANGELA
	PALMER, SONDRRA
1154	CHURA, JOYREE
1156	GERONIMO, VINCENT C
1160	KHONDAKER, ROBERTA
1162	RANDOLPH, CINDY
1164	FARR, DALE
	HUNTER, HARRY N
	KNAPP, KIRK
	SMITH, TERRY
1166	INDERMITTE, SCOTT A

**UNIVERSITY DR****1995****(Cont'd)**

1166	SCHNEIDER, CRISTIE
	VOELLINGER, KAREN
1202	MCNEILL, SANDRA
1204	DOOLEY, RHONDA
1206	OCCUPANT UNKNOWNN
1208	FORD, WILLIAM R
1210	LOMBARD, ROBERT C SR
1214	ILLIAN, BRIAN
1216	DOBIS, JODY A
1218	RANDALL, JOHN
	WINTER, CHRIS J
1220	RODERICK, MILFORD J
1222	MURRAY, MARY

**UNIVERSITY PARK DR**

**1995**

200     PISTRUI CONSULTING GROUP  
UNIV OF IL EXTNSN  
WESTGATE REALTY

## UNIVERSITY DR

1992

925	PETERSON, JAMES E
937	HARRIS, ROBERT L
943	ALLABAND, MICHAEL J
944	LOYET, DEBBIE
	PARKER, NEIL
946	ELAM, RANDY L
949	ADKINS, JUDY A
955	DETOYE, DENNIS P
961	OLAUGHLIN, MARY E
962	GREEN, CARL
967	BORN, LARRY
973	MCMICHAEL, DENNIS J
979	WAHL, KENNETH H
985	SCHAUERTE, MARTIN G
991	DEAN, JOHN P
1000	E S I C UNIV BAPT
1040	BARTON, MATTHEW
	BROWN, G
	JOLLY, TONY
	KELLEY, KARL
	RAY, CAROL
1070	COCKRUM, LARRY
	LAKENBURGES, KARL
	TAPSCOTT, RON A
1095	UNIV MANOR PRTNRSHP
1123	BAILEY GREGORY J MD
	HIATT MICHAEL T DPM
	KONZEN KEVIN MD
	LAY SURGICAL LTD
	MALNAR GERARD MD
	MARTIN THOS F MD
	PETROVICH J A MD PC
1124	CATCHINGS, K
	FIALA, M
	LOJKOVIC, AMY
	MARTIN, BRIAN
	RIPPELMEYER, KAREN E
1160	BAILEY, L
1164	DEKALB, ROBBYN
1216	DOBIS, JODY A
10402	BAKER, JANA
10403	BROWN, D J
10409	GUIDRY, PAUL
10701	RUGG, PAUL W
10702	FULTON, DAVID J
10708	MARTENS, DAVID L
11242	TRUAX, BYRON
11245	DALHAUS, ARTHUR
11247	PATEL, PRAVIN R
11441	BIGELOW, LOIS D

**UNIVERSITY DR****1992****(Cont'd)**

11445 ANTKOWIAK, M G  
11446 RANKIN, TERESA  
11447 FLOWERS, VIRGIL  
107010 WHALEY, EDWARD  
107011 GARVIN, WILLIAM J  
112410 MCCANN, CINDY



SIUE

200 University Park

Edwardsville, IL 62025

Inquiry Number: 6615905.4

August 11, 2021

# EDR Historical Topo Map Report

## with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

08/11/21

**Site Name:**

SIUE  
200 University Park  
Edwardsville, IL 62025  
EDR Inquiry # 6615905.4

**Client Name:**

Terracon  
11600 Lilburn Park Drive  
Saint Louis, MO 63146  
Contact: Nicole Azmanov



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Terracon were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	15217050	<b>Latitude:</b>	38.790139 38° 47' 25" North
<b>Project:</b>	SIUE	<b>Longitude:</b>	-89.991564 -89° 59' 30" West
		<b>UTM Zone:</b>	Zone 16 North
		<b>UTM X Meters:</b>	240166.10
		<b>UTM Y Meters:</b>	4297740.19
		<b>Elevation:</b>	572.05' above sea level

**Maps Provided:**

2012	1932
1991, 1994	1927
1981	
1974	
1968	
1954, 1955	
1950, 1951	
1934	

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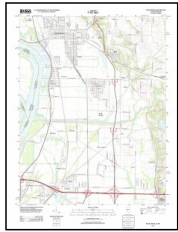
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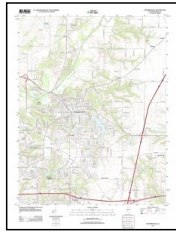
## ***Topo Sheet Key***

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **2012 Source Sheets**

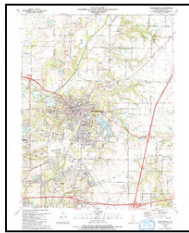


Wood River  
2012  
7.5-minute, 24000

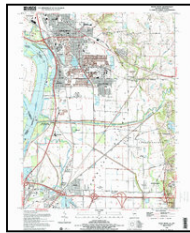


Edwardsville  
2012  
7.5-minute, 24000

### **1991, 1994 Source Sheets**



Edwardsville  
1991  
7.5-minute, 24000  
Aerial Photo Revised 1986



Wood River  
1994  
7.5-minute, 24000  
Aerial Photo Revised 1988

### **1981 Source Sheets**

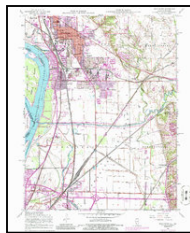


Edwardsville  
1981  
7.5-minute, 24000  
Aerial Photo Revised 1974

### **1974 Source Sheets**



Edwardsville  
1974  
7.5-minute, 24000  
Aerial Photo Revised 1974

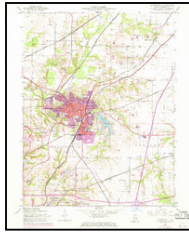


Wood River  
1974  
7.5-minute, 24000  
Aerial Photo Revised 1974

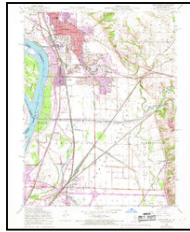
## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1968 Source Sheets**



Edwardsville  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968

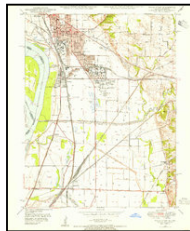


Wood River  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968

### **1954, 1955 Source Sheets**



Edwardsville  
1954  
7.5-minute, 24000  
Aerial Photo Revised 1952



Wood River  
1955  
7.5-minute, 24000  
Aerial Photo Revised 1945

### **1950, 1951 Source Sheets**

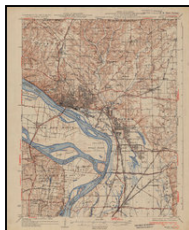


Edwardsville  
1950  
7.5-minute, 24000  
Aerial Photo Revised 1945



Wood River  
1951  
7.5-minute, 24000  
Aerial Photo Revised 1945

### **1934 Source Sheets**



Alton  
1934  
15-minute, 62500

## ***Topo Sheet Key***

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1932 Source Sheets**

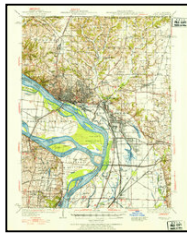


Edwardsville  
1932  
15-minute, 62500

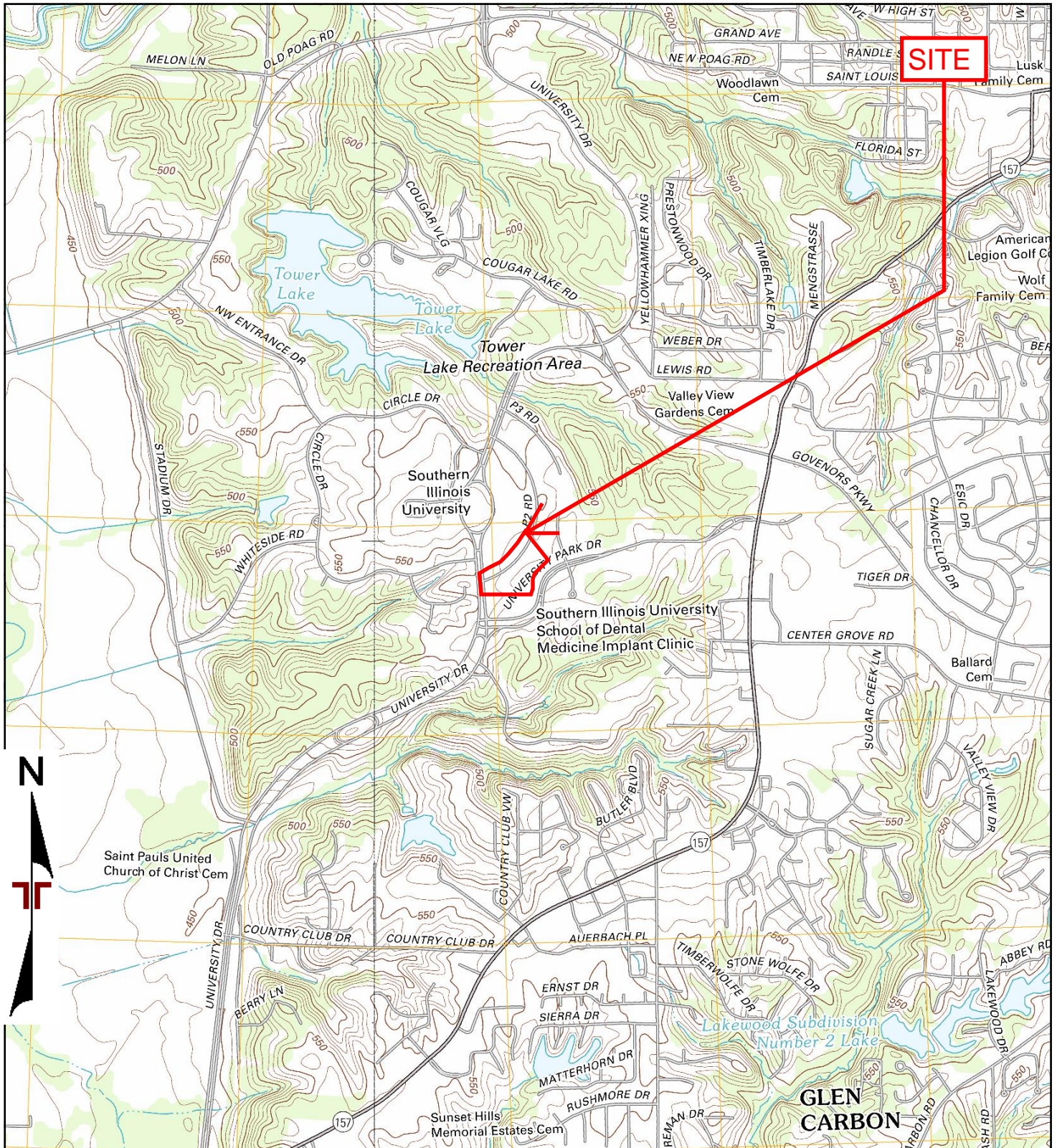
### **1927 Source Sheets**



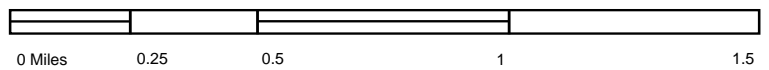
Edwardsville  
1927  
15-minute, 62500



Alton  
1927  
15-minute, 62500



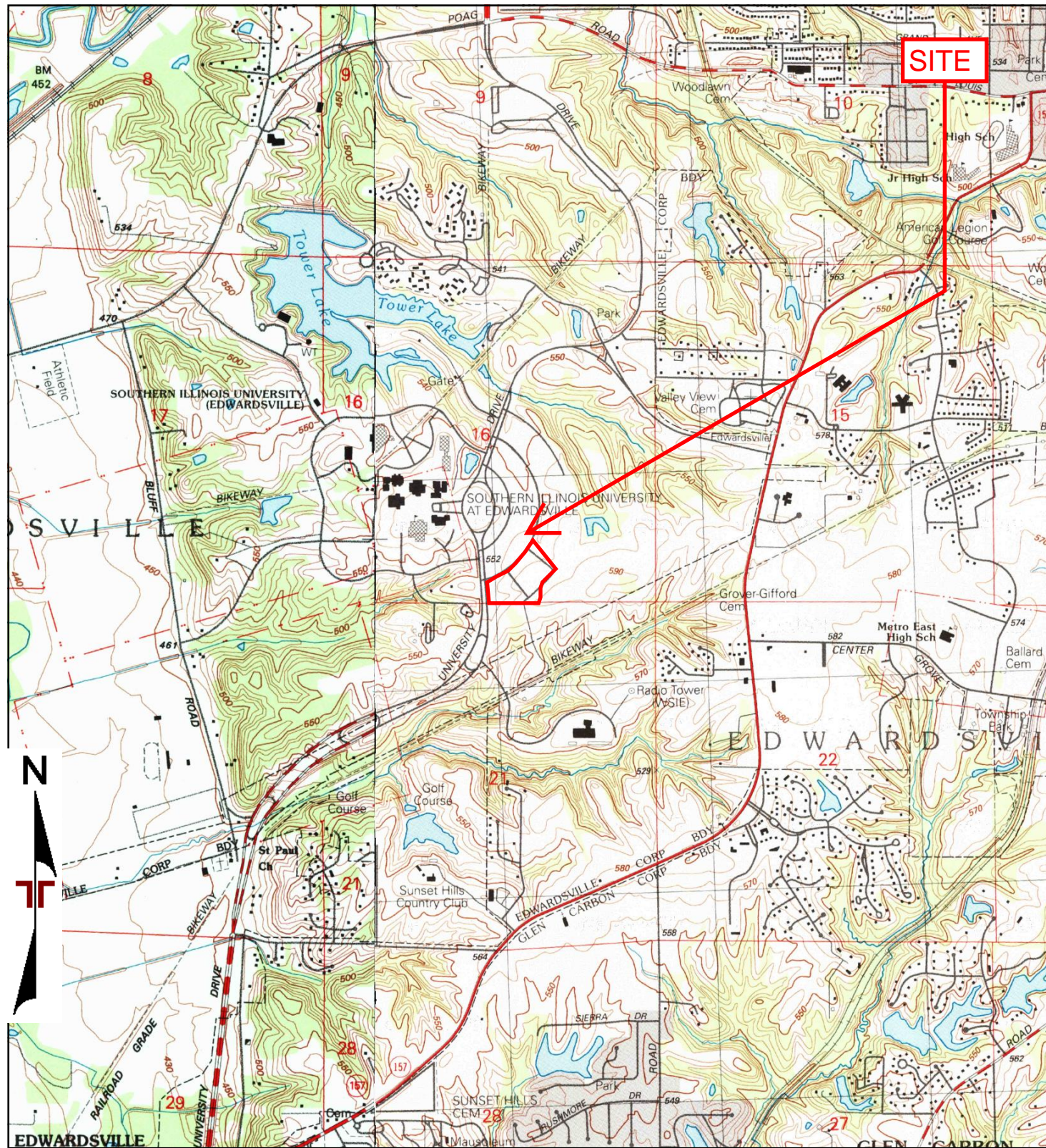
TP, Edwardsville, 2012, 7.5-minute  
W, Wood River, 2012, 7.5-minute



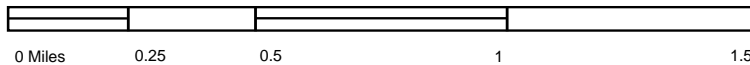
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 2012

**Terracon**

2012 TOPOGRAPHIC MAP



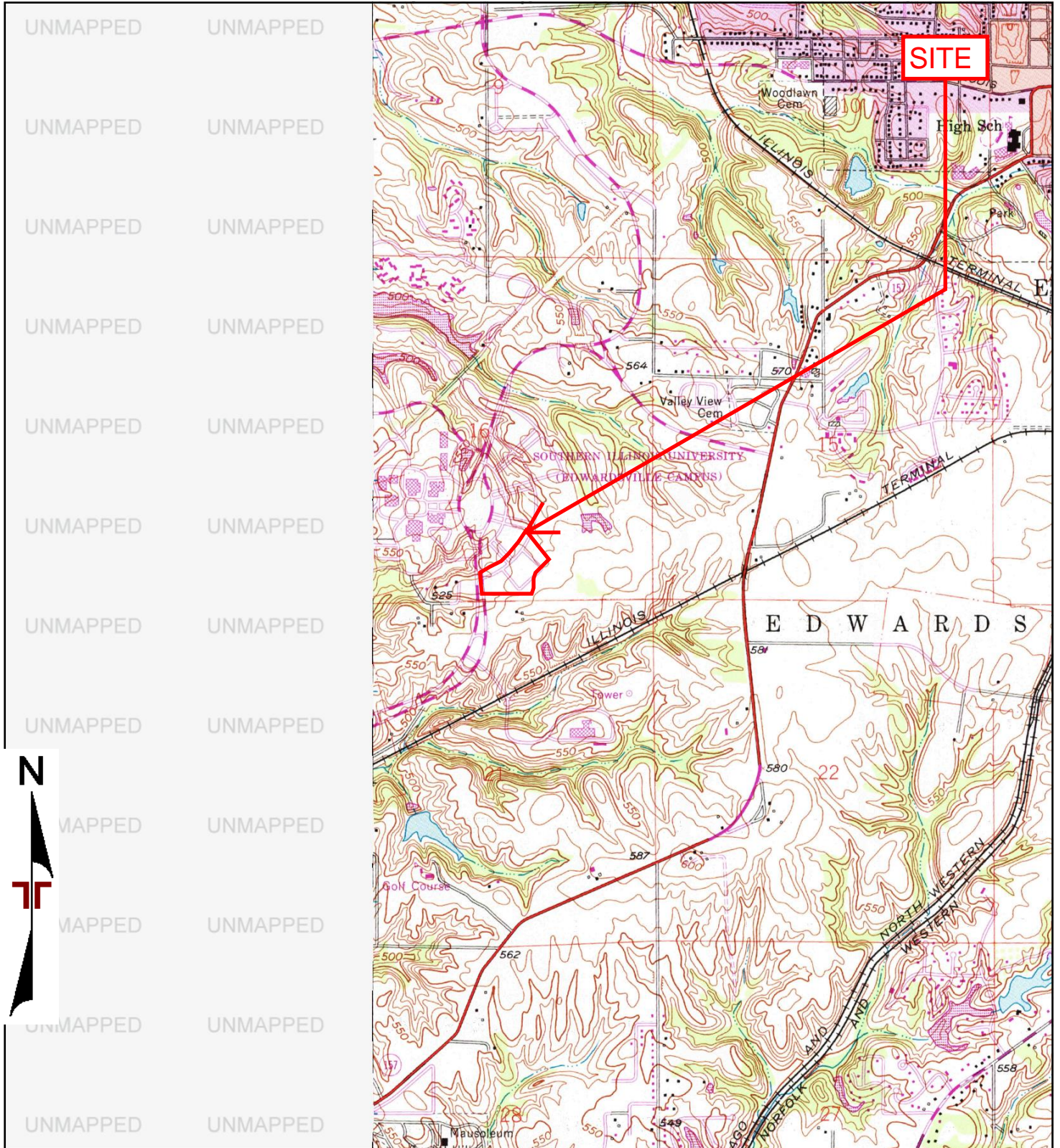
TP, Edwardsville, 1991, 7.5-minute  
W, Wood River, 1994, 7.5-minute



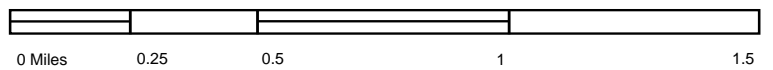
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date:
	1991, 1994

## Terracon

1991, 1994 TOPOGRAPHIC MAP



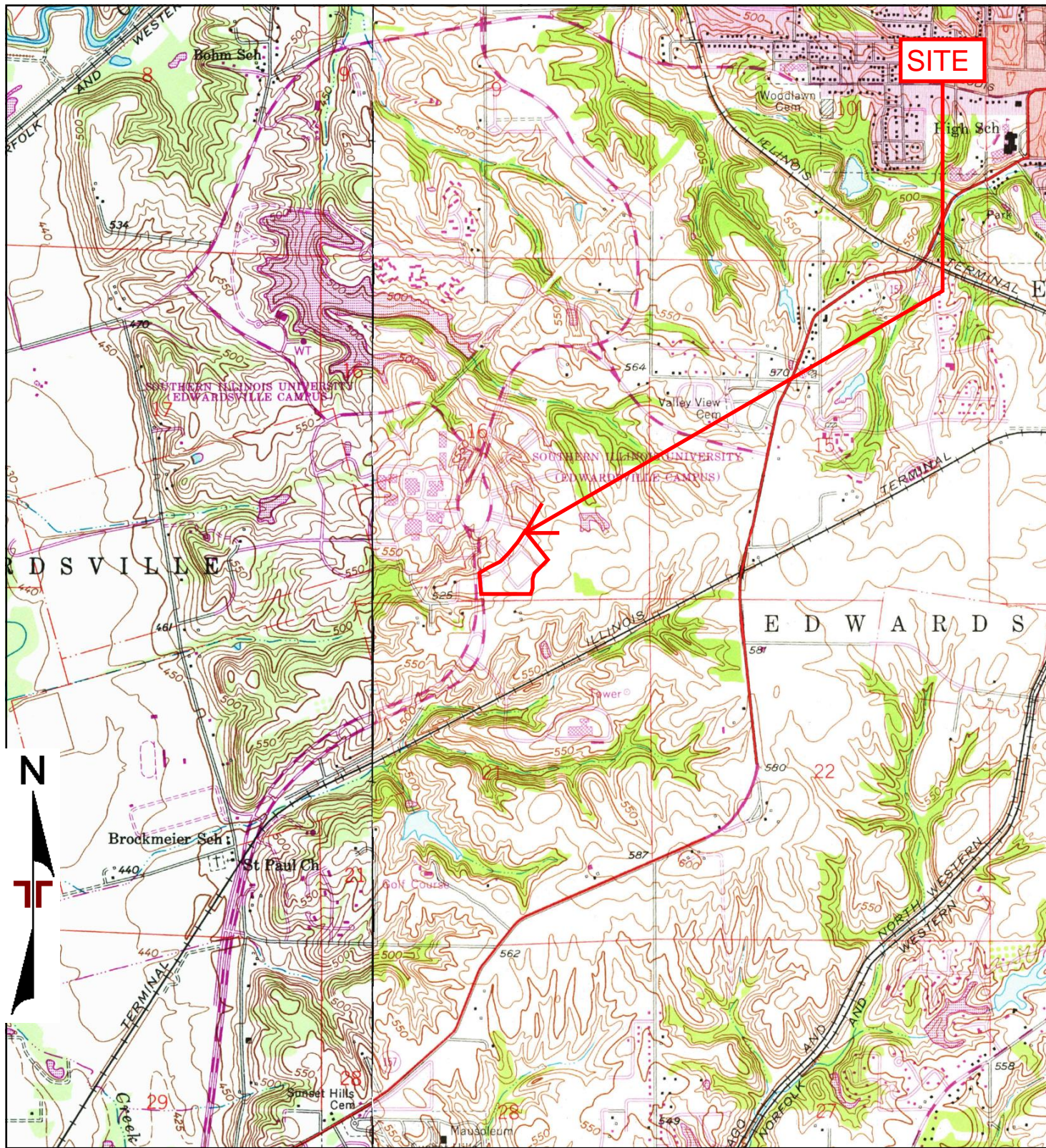
TP, Edwardsville, 1981, 7.5-minute



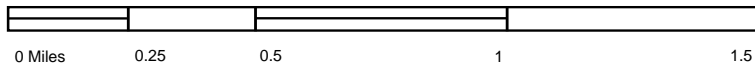
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date:
	1981

**Terracon**

1981 TOPOGRAPHIC MAP



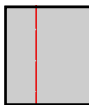
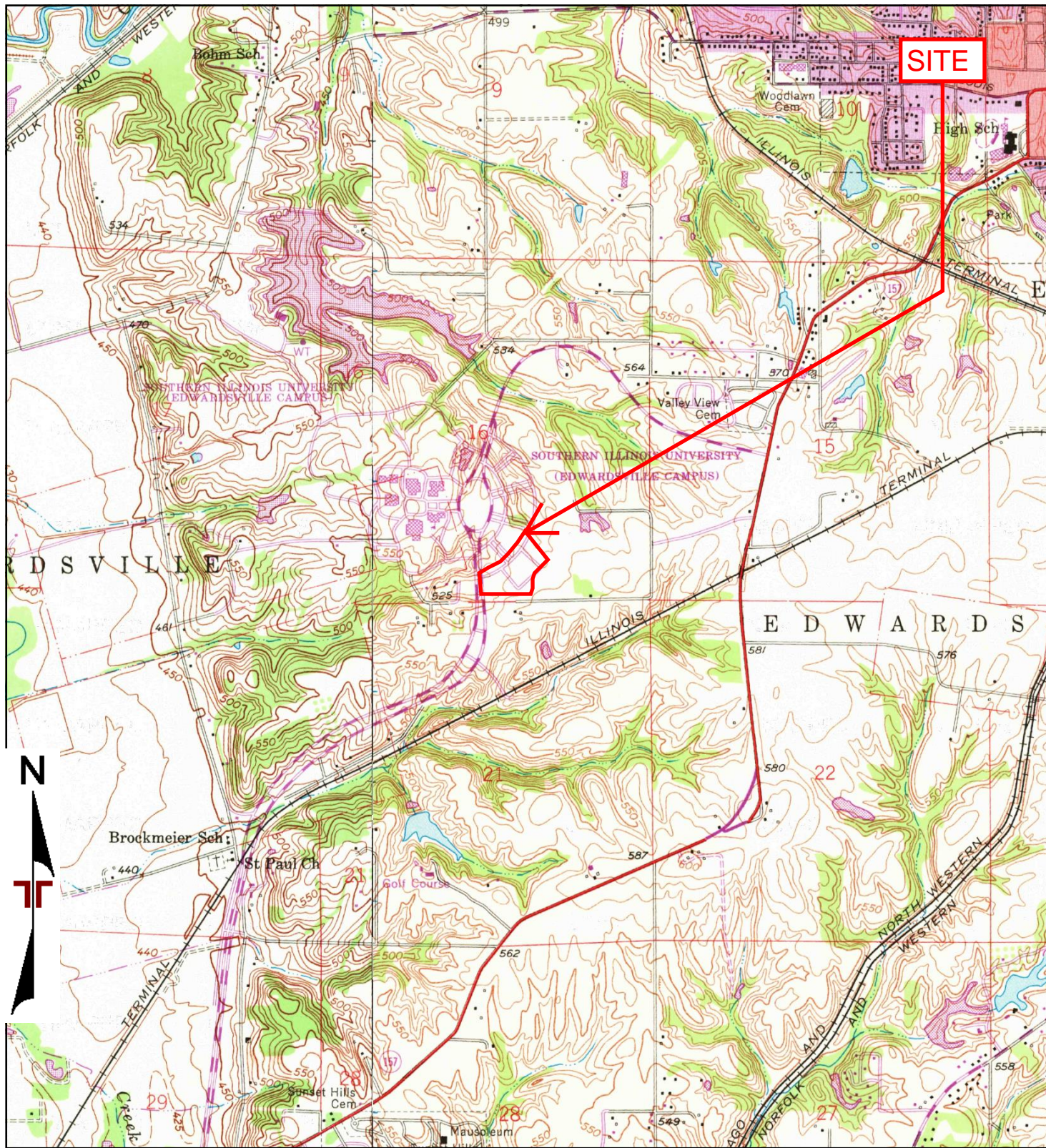
TP, Edwardsville, 1974, 7.5-minute  
W, Wood River, 1974, 7.5-minute



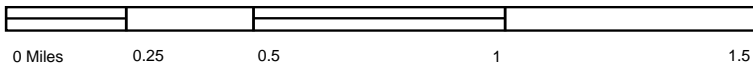
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date:
	1974

**Terracon**

1974 TOPOGRAPHIC MAP



TP, Edwardsville, 1968, 7.5-minute  
W, Wood River, 1968, 7.5-minute



Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date:
	1968

**Terracon**

1968 TOPOGRAPHIC MAP



Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 1954, 1955

# Terracon

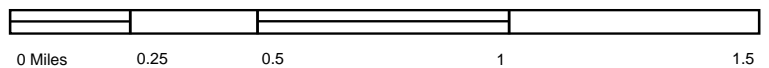
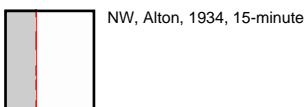
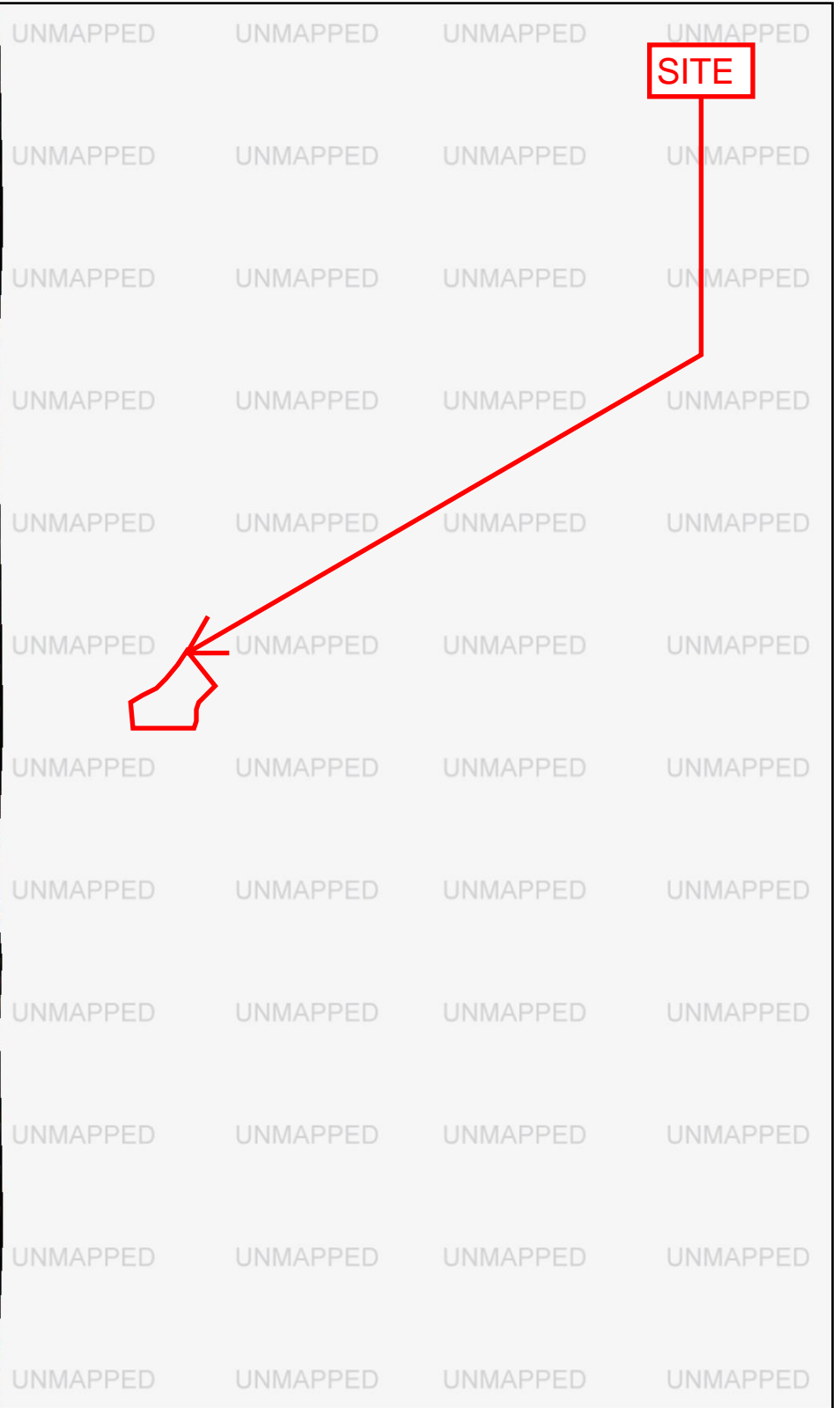
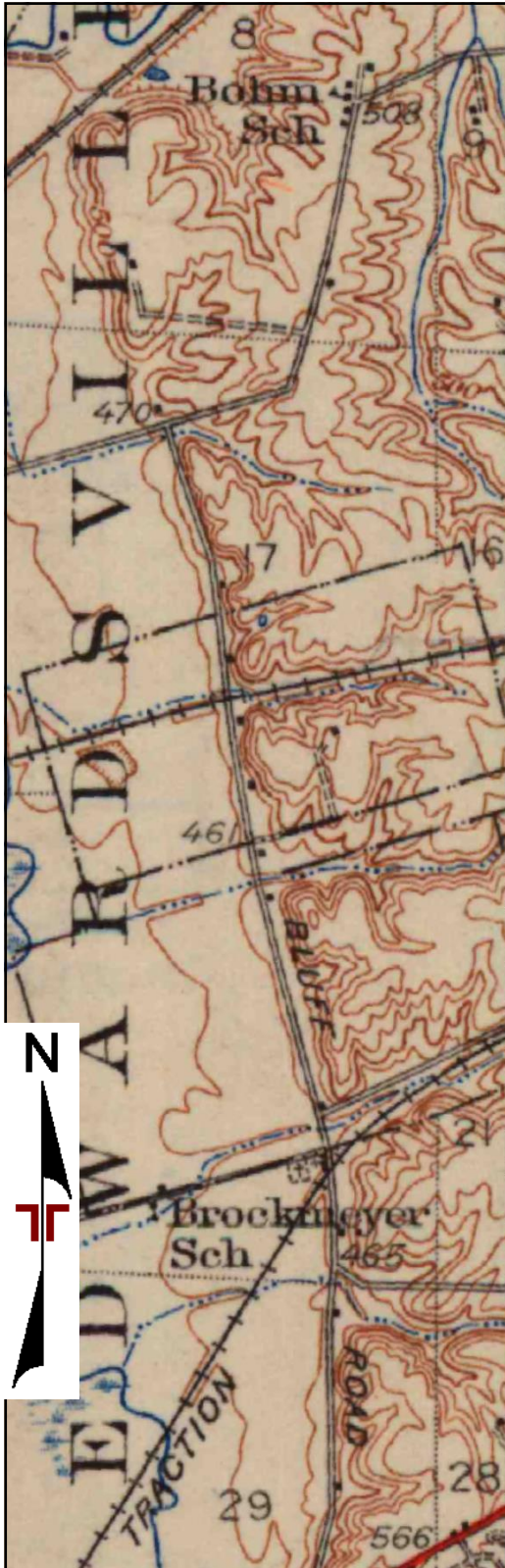
1954, 1955 TOPOGRAPHIC MAP



Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 1950, 1951



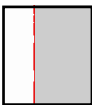
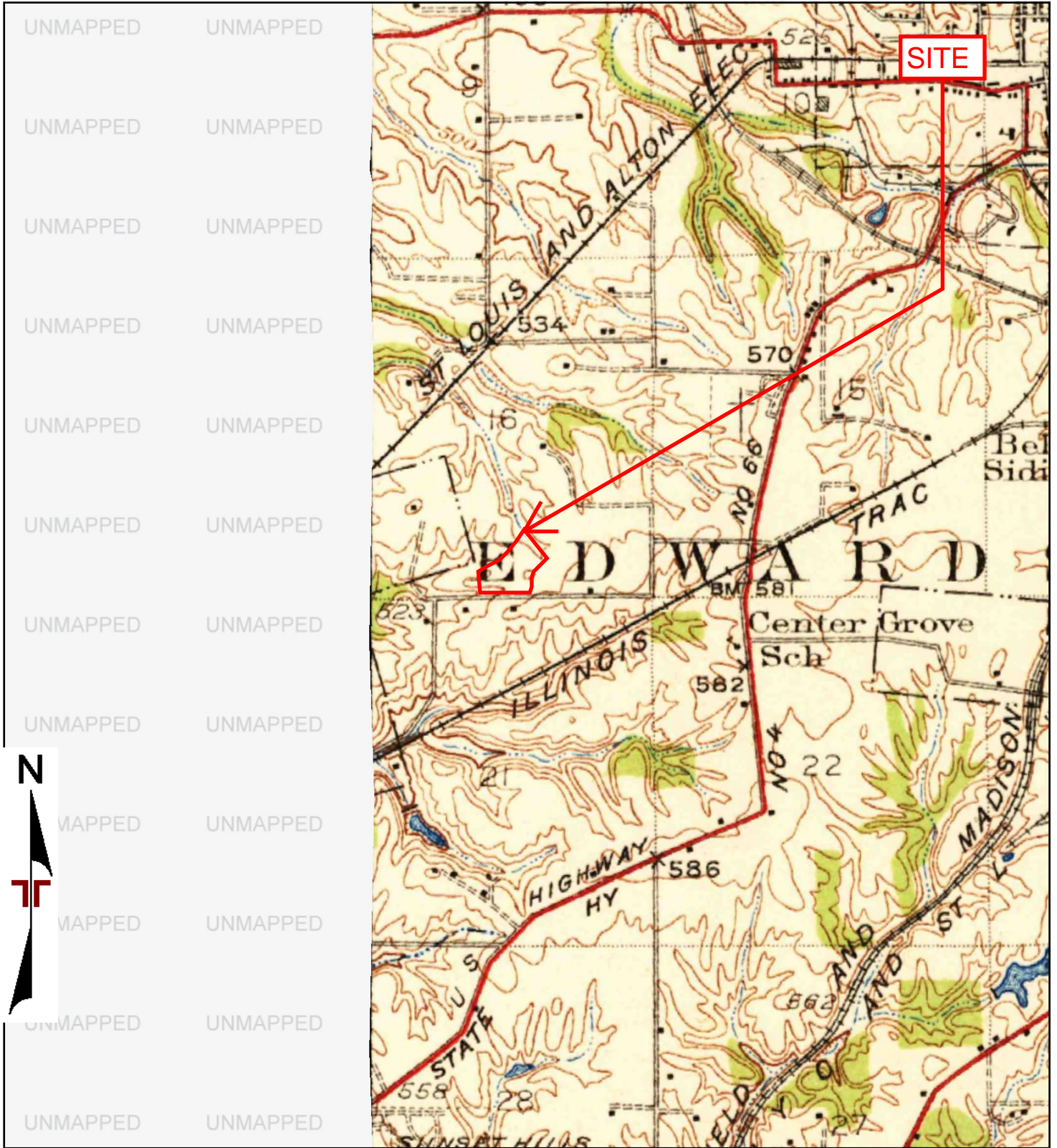
1950, 1951 TOPOGRAPHIC MAP



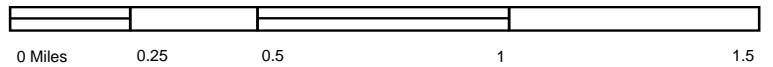
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 1934

**Terracon**

1934 TOPOGRAPHIC MAP



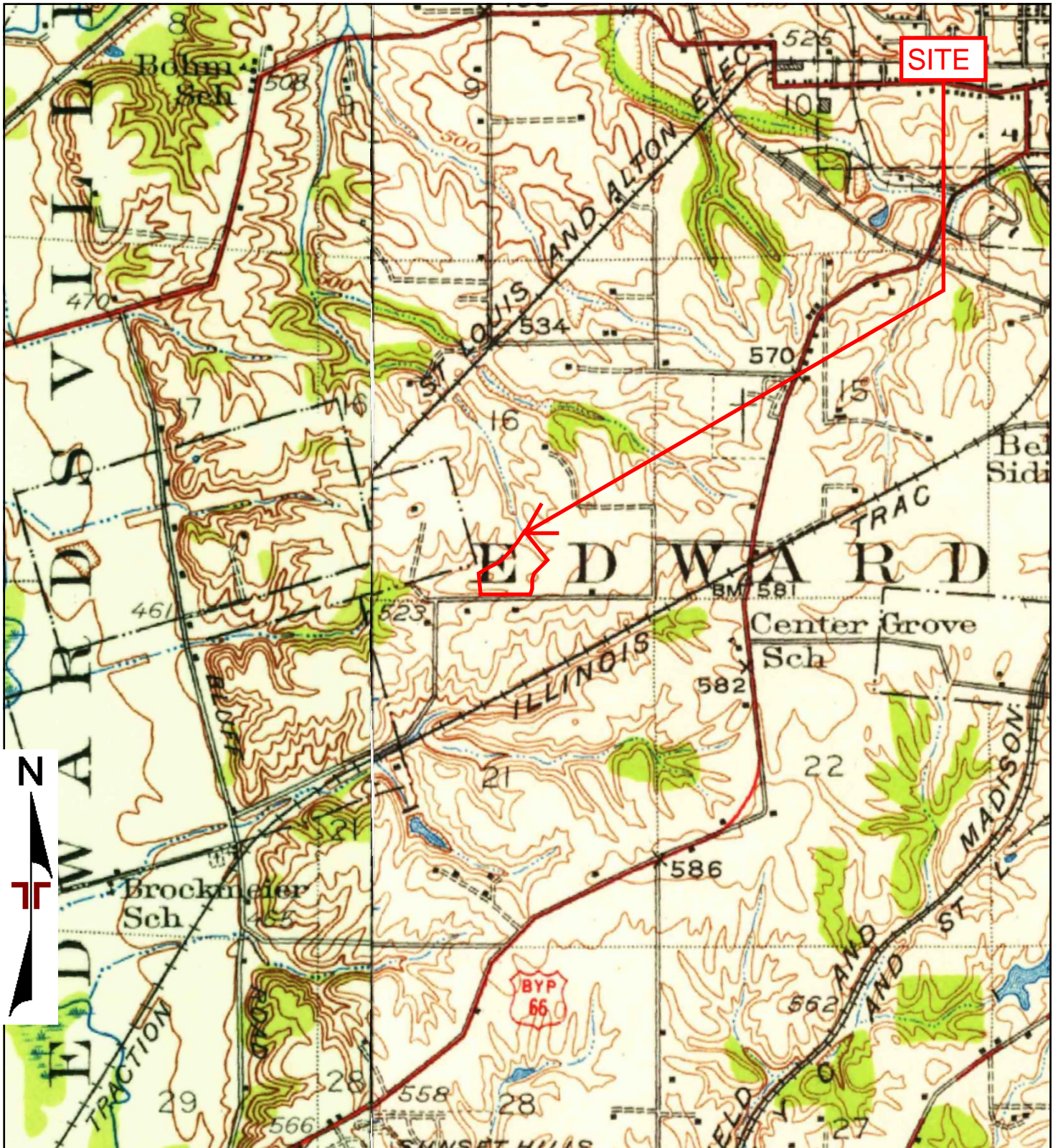
TP, Edwardsville, 1932, 15-minute



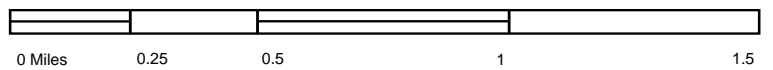
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 1932

**Terracon**

1932 TOPOGRAPHIC MAP



TP, Edwardsville, 1927, 15-minute  
NW, Alton, 1927, 15-minute



Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date:
	1927

**Terracon**

1927 TOPOGRAPHIC MAP

**SIUE**

200 UNIVERSITY PARK  
EDWARDSVILLE, IL 62025

**Inquiry Number: 6615905.10S**  
AUGUST 20, 2021

## The EDR 1940 Chain of Title



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Chain of Title

The EDR Chain of Title Report tracks a line of successive owners from the present back to 1940 of a particular parcel of property, linked together by recorded transactions which pass title. Available nationwide, this report provides a summary of a property's ownership history and is a valuable source for determining the prior uses of a property.

A network of professional abstractors following established procedures, uses client supplied address information to locate:

- Historical Chain of Title research

**Thank you for your business.**

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EDR Chain of Title

### TARGET PROPERTY INFORMATION

#### ADDRESS

SIUE  
200 UNIVERSITY PARK  
EDWARDSVILLE, IL 62025

#### RESEARCH SOURCE

SOURCE 1: MADISON COUNTY RECORDER'S OFFICE

SOURCE 2: MADISON COUNTY ASSESSOR'S OFFICE

EXAMINER'S NOTE: PUBLIC RECORDS OF MADISON COUNTY, IL WERE SEARCHED FROM JANUARY 1, 1940 TO JULY 30, 2021, AND NO OTHER DEEDS VESTING TITLE IN THE SUBJECT PROPERTY WERE FOUND OF RECORD DURING THE PERIOD SEARCHED.

#### PROPERTY DESCRIPTION

CURRENT OWNER: BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY

LEGAL DESCRIPTION: E PT SE/C & PART SOUTH 1/2 SOUTHWEST

PROPERTY IDENTIFIERS: 14-1-15-16-00-000-001.004  
140527858

GENERAL COMMENTS: NA

#### HISTORICAL CHAIN OF TITLE

SEE EXHIBIT "A"

#### MISCELLANEOUS

SEE EXHIBIT "B"

**EDR Chain of Title**

**CHAIN OF TITLE**

**EXHIBIT "A"**

## EDR Chain of Title

### HISTORICAL CHAIN OF TITLE

#### PARCEL 14-1-15-16-00-000-001.004

##### **CHAIN 1**

TYPE OF DEED:	WARRANTY DEED
TITLE IS VESTED IN:	BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY
TITLE RECEIVED FROM:	SOUTHERN ILLINOIS UNIVERSITY FOUNDATION
DATE EXECUTED:	07/11/1961
DATE RECORDED:	07/25/1961
BOOK:	2087
PAGE:	110
VOLUME:	NA
INSTRUMENT #:	NA
DOCKET:	NA
LAND RECORD COMMENTS:	NO DEED FOUND OF RECORD INTO GRANTOR.

##### **CHAIN 2**

TYPE OF DEED:	WARRANTY DEED
TITLE IS VESTED IN:	HOME NURSERY GREENHOUSES, INC.
TITLE RECEIVED FROM:	ESTHER S. DIPPOLD AND ARTHUR J. DIPPOLD, W/H
DATE EXECUTED:	08/21/1956
DATE RECORDED:	03/06/1957
BOOK:	1761
PAGE:	258
VOLUME:	NA
INSTRUMENT #:	NA
DOCKET:	NA
LAND RECORD COMMENTS:	NA

**EDR Chain of Title**

**MISCELLANEOUS**

**EXHIBIT "B"**

## EDR Chain of Title

### MISCELLANEOUS

COMMENTS:

NONE IDENTIFIED.

WARRANTY DEED

The GRANTOR, SOUTHERN ILLINOIS UNIVERSITY FOUNDATION, a corporation of the state of Illinois, for and in consideration of the sum of \$23 013.00 in hand paid, CONVEYS and WARRANTS to the BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY, the following described real estate:

The South half (1/2) of the Southeast quarter (1/4) of Section 16 Township 4 North, Range 8 West of the Third Principal Meridian, containing eighty (80) acres, more or less, also the South Two and one-half (2 1/2) rods of the East half (E 1/2) of the Northeast quarter (NE 1/4) of the Southeast Quarter (SE 1/4) of said Section 16, Township 4 North, Range 8 West of the Third Principal Meridian, containing 5/8 of an acre, more or less;

Excepting from first above described tract a strip of one (1) rod wide on the North and East sides thereof as a right of way for a private road to connect with the County road granted by Charles W. Fangenroth and Francis A. Fangenroth, his wife, to Bernhard Kromer by Warranty Deed dated March 21, 1877 and recorded in Book 128, Page 422 of the Recorder's Office of Madison County, Illinois.

Which said tract also embraces the subdivision known as "Red Fox Acres", according to the plat thereof recorded in Plat Book 27, Page 63 to the Recorder's Office of Madison County, Illinois, excepting therefrom Lot One (1) of said Red Fox Acres which was heretofore conveyed to Edgar William Wendal and Thelma Ruth Wendal, his wife, by Warranty Deed dated May 7, 1957 and recorded in Book 1776, Page 197.

All situated in Madison County, Illinois.

Subject to rights of possession in Home Nursery Green-Houses, Incorporated, until 1 February 1964, as shown in Volume 1935 of Records at page 688.

In witness whereof, Southern Illinois University Foundation has caused its corporate name to be hereunto subscribed by its Assistant Treasurer and has caused its duly attested corporate seal to be hereunto affixed by its Secretary.

Dated this 11<sup>th</sup> day of July, 1961.

SOUTHERN ILLINOIS UNIVERSITY  
FOUNDATION

ATTEST

L. H. Nelson  
Secretary

By C. E. Reel  
Assistant Treasurer



State of Illinois )  
 ) ss.  
County of Madison )

BOOK 2087 PAGE 111

I, the Undersigned, notary public in and for said County, in the state aforesaid, do hereby certify that C. E. Peebles, Assistant Treasurer of the Southern Illinois University Foundation, personally known to me to be the same person whose name is subscribed to the foregoing instrument as such assistant treasurer, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as the free and voluntary act of said Southern Illinois University Foundation, and as his own free and voluntary act as such assistant treasurer.

GIVEN under my hand and notarial seal this  
11th day of July, 1961.

*Martha J. Kirkpatrick*  
*Madison, Illinois*

My Commission Expires *Jan 17* 1962

State of Illinois )  
County of Jackson ) ss.

I, C. Richard Grunz, a notary public in and for said County, in the State aforesaid, do hereby certify that before me this day in person appeared Lois H. Nelson, personally known to me to be Secretary of the Southern Illinois University Foundation corporation, and acknowledged that she signed and delivered the foregoing instrument in the capacity herein set forth and caused to be affixed thereto the seal of said corporation, pursuant to authority given under the articles and by-laws of the corporation, as the free and voluntary act of said corporation, and as her own free and voluntary act, for the uses and purposes therein set forth.

GIVEN under my hand and seal this  
11th day of July, 1961.

*C. Richard Grunz*  
*Notary Public*

My Commission Expires Dec. 11, 1963.

WARRANTY DEED

SOUTHERN ILLINOIS UNIVERSITY  
FOUNDATION

TO

THE BOARD OF TRUSTEES OF  
SOUTHERN ILLINOIS UNIVERSITY

STATE OF ILLINOIS )  
Madison, County ) ss.

I, James F. Chapman, Recorder within and for the County and State aforesaid, do hereby certify that the within instrument of writing was filed for record on the 21st day of July, A.D. 1961, at 11:11 o'clock P.M. and duly recorded in Volume 2087 of Records on page 111 and examined

RECORDER

By \_\_\_\_\_  
DEPUTY

200 CHARGE AND RETURN TO  
CHICAGO TITLE AND TRUST COMPANY  
MADISON COUNTY OFFICE  
112 MILLBURN - EDWARDSVILLE  
(0-11222)

152 3216

**SIUE**

200 UNIVERSITY PARK  
EDWARDSVILLE, IL 62025

**Inquiry Number: 6615905.10S**  
AUGUST 20, 2021

## The EDR 1940 Chain of Title



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Chain of Title

The EDR Chain of Title Report tracks a line of successive owners from the present back to 1940 of a particular parcel of property, linked together by recorded transactions which pass title. Available nationwide, this report provides a summary of a property's ownership history and is a valuable source for determining the prior uses of a property.

A network of professional abstractors following established procedures, uses client supplied address information to locate:

- Historical Chain of Title research

**Thank you for your business.**

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EDR Chain of Title

### TARGET PROPERTY INFORMATION

#### ADDRESS

SIUE  
200 UNIVERSITY PARK  
EDWARDSVILLE, IL 62025

#### RESEARCH SOURCE

SOURCE 1: MADISON COUNTY RECORDER'S OFFICE

SOURCE 2: MADISON COUNTY ASSESSOR'S OFFICE

EXAMINER'S NOTE: PUBLIC RECORDS OF MADISON COUNTY, IL WERE SEARCHED FROM JANUARY 1, 1940 TO JULY 30, 2021, AND NO OTHER DEEDS VESTING TITLE IN THE SUBJECT PROPERTY WERE FOUND OF RECORD DURING THE PERIOD SEARCHED.

#### PROPERTY DESCRIPTION

CURRENT OWNER: BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY

LEGAL DESCRIPTION: PHASE 1 UNIVERSITY PARK SITE 2

PROPERTY IDENTIFIERS: 14-1-15-16-00-000-001.005  
141323797

GENERAL COMMENTS: NA

#### HISTORICAL CHAIN OF TITLE

SEE EXHIBIT "A"

#### MISCELLANEOUS

SEE EXHIBIT "B"

**EDR Chain of Title**

**CHAIN OF TITLE**

**EXHIBIT "A"**

## EDR Chain of Title

### HISTORICAL CHAIN OF TITLE

#### PARCEL 14-1-15-16-00-000-001.005

##### **CHAIN 1**

TYPE OF DEED:	WARRANTY DEED
TITLE IS VESTED IN:	BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY
TITLE RECEIVED FROM:	SOUTHERN ILLINOIS UNIVERSITY FOUNDATION
DATE EXECUTED:	07/11/1961
DATE RECORDED:	07/25/1961
BOOK:	2087
PAGE:	110
VOLUME:	NA
INSTRUMENT #:	NA
DOCKET:	NA
LAND RECORD COMMENTS:	NO DEED FOUND OF RECORD INTO GRANTOR.

##### **CHAIN 2**

TYPE OF DEED:	WARRANTY DEED
TITLE IS VESTED IN:	HOME NURSERY GREENHOUSES, INC.
TITLE RECEIVED FROM:	ESTHER S. DIPPOLD AND ARTHUR J. DIPPOLD, W/H
DATE EXECUTED:	08/21/1956
DATE RECORDED:	03/06/1957
BOOK:	1761
PAGE:	258
VOLUME:	NA
INSTRUMENT #:	NA
DOCKET:	NA
LAND RECORD COMMENTS:	NA

**EDR Chain of Title**

**MISCELLANEOUS**

**EXHIBIT "B"**

## EDR Chain of Title

### MISCELLANEOUS

COMMENTS:

NONE IDENTIFIED.

WARRANTY DEED

The GRANTOR, SOUTHERN ILLINOIS UNIVERSITY FOUNDATION, a corporation of the state of Illinois, for and in consideration of the sum of \$23 013.00 in hand paid, CONVEYS and WARRANTS to the BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY, the following described real estate:

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Excepting from first above described tract a strip of one (1) rod wide on the North and East sides thereof as a right of way for a private road to connect with the County road granted by Charles W. Fangenroth and Francis A. Fangenroth, his wife, to Bernhard Kromer by Warranty Deed dated March 21, 1877 and recorded in Book 128, Page 422 of the Recorder's Office of Madison County, Illinois.

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Dated this 11<sup>th</sup> day of July, 1961.

SOUTHERN ILLINOIS UNIVERSITY  
FOUNDATION

ATTEST

L. H. Nelson  
Secretary

By C. E. Reel  
Assistant Treasurer



State of Illinois )  
 ) ss.  
County of Madison )

BOOK 2087 PAGE 111

I, the Undersigned, notary public in and for said County, in the state aforesaid, do hereby certify that C. E. Peebles, Assistant Treasurer of the Southern Illinois University Foundation, personally known to me to be the same person whose name is subscribed to the foregoing instrument as such assistant treasurer, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as the free and voluntary act of said Southern Illinois University Foundation, and as his own free and voluntary act as such assistant treasurer.

GIVEN under my hand and notarial seal this  
11th day of July, 1961.

*Martha J. Kirkpatrick*  
*Madison, Illinois*

My Commission Expires *Jan 17* 1962

State of Illinois )  
County of Jackson ) ss.

I, C. Richard Grunz, a notary public in and for said County, in the State aforesaid, do hereby certify that before me this day in person appeared Lois H. Nelson, personally known to me to be Secretary of the Southern Illinois University Foundation corporation, and acknowledged that she signed and delivered the foregoing instrument in the capacity herein set forth and caused to be affixed thereto the seal of said corporation, pursuant to authority given under the articles and by-laws of the corporation, as the free and voluntary act of said corporation, and as her own free and voluntary act, for the uses and purposes therein set forth.

GIVEN under my hand and seal this  
11th day of July, 1961.

*C. Richard Grunz*  
*Notary Public*

My Commission Expires Dec. 11, 1963.

WARRANTY DEED

SOUTHERN ILLINOIS UNIVERSITY  
FOUNDATION

TO

THE BOARD OF TRUSTEES OF  
SOUTHERN ILLINOIS UNIVERSITY

STATE OF ILLINOIS )  
Madison, County ) ss.

I, James F. Chapman, Recorder within and for the County and State aforesaid, do hereby certify that the within instrument of writing was filed for record on the 21st day of July, A.D. 1961, at 11:11 o'clock P.M. and duly recorded in Volume 2087 of Records on page 111 and examined

RECORDER

By \_\_\_\_\_  
DEPUTY

200 CHARGE AND RETURN TO  
CHICAGO TITLE AND TRUST COMPANY  
MADISON COUNTY OFFICE  
112 MILLBURN - EDWARDSVILLE  
(0-11222)

152 3216

**APPENDIX D**  
**ENVIRONMENTAL DATABASE INFORMATION**

**SIUE**

200 University Park  
Edwardsville, IL 62025

Inquiry Number: 6615905.2s  
August 11, 2021

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

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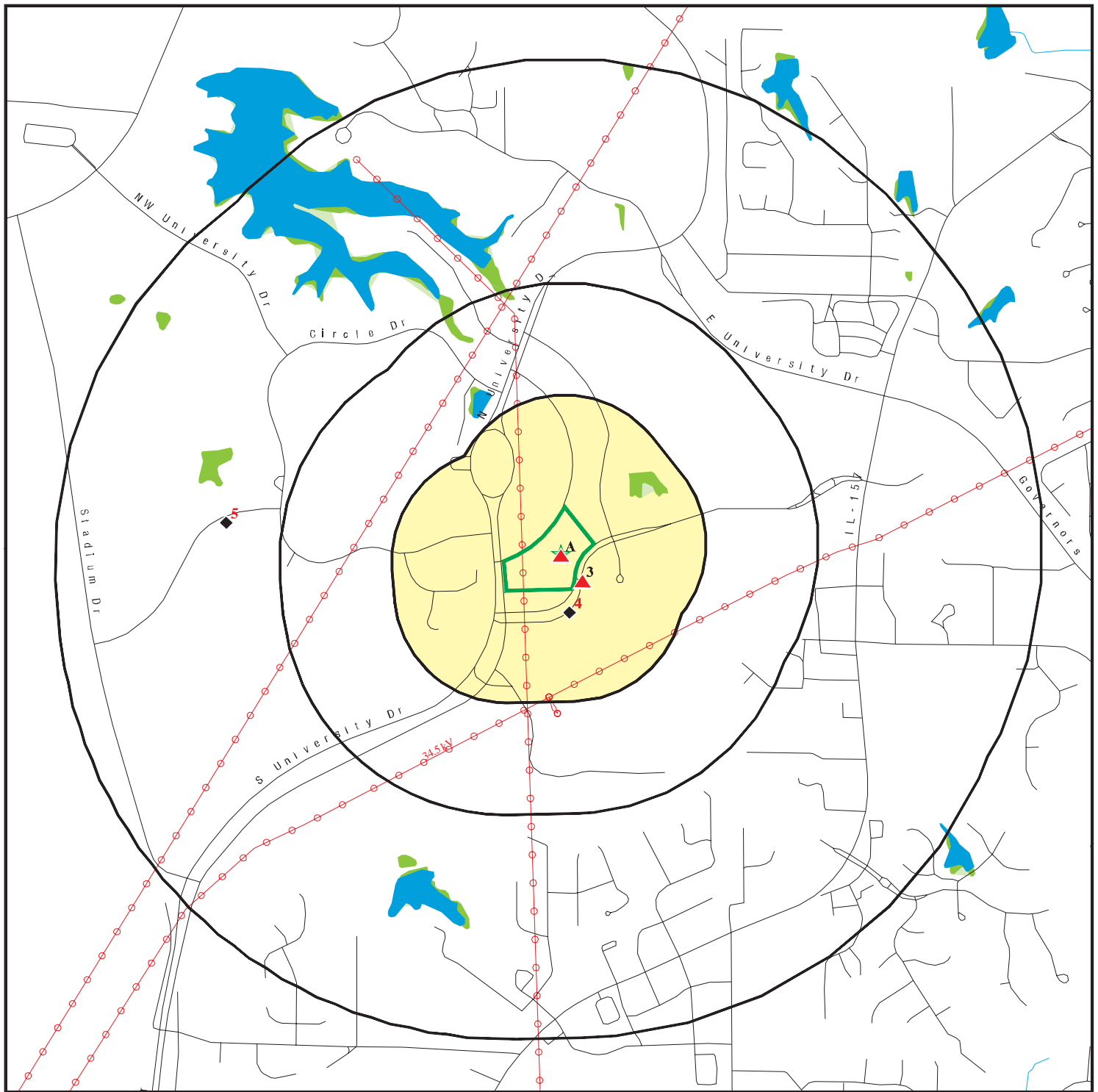
MAPPED SITES SUMMARY











Target Property Address:  
200 UNIVERSITY PARK  
EDWARDSVILLE, IL 62025

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">A1</a>	SOUTHERN ILLINOIS UN	200 UNIVERSITY PARK	FINDS		TP
<a href="#">A2</a>	SOUTHERN ILLINOIS UN	200 UNIVERSITY PARK	FTTS, HIST FTTS		TP
<a href="#">3</a>	SIUE DENTAL IMPLANT	195 UNIVERSITY PARK	RCRA NonGen / NLR	Higher	96, 0.018, SE
<a href="#">4</a>	CROWN CASTLE - 210 G	151 NORTH UNIVERSITY	IL AST	Lower	276, 0.052, South
<a href="#">5</a>	SOUTHERN ILLINOIS UN	SOUTHERN IL UNIV CAM	SEMS-ARCHIVE, CORRACTS, RCRA-SQG, NY MANIFEST, WIL	Lower	3296, 0.624, West

# OVERVIEW MAP - 6615905.2S



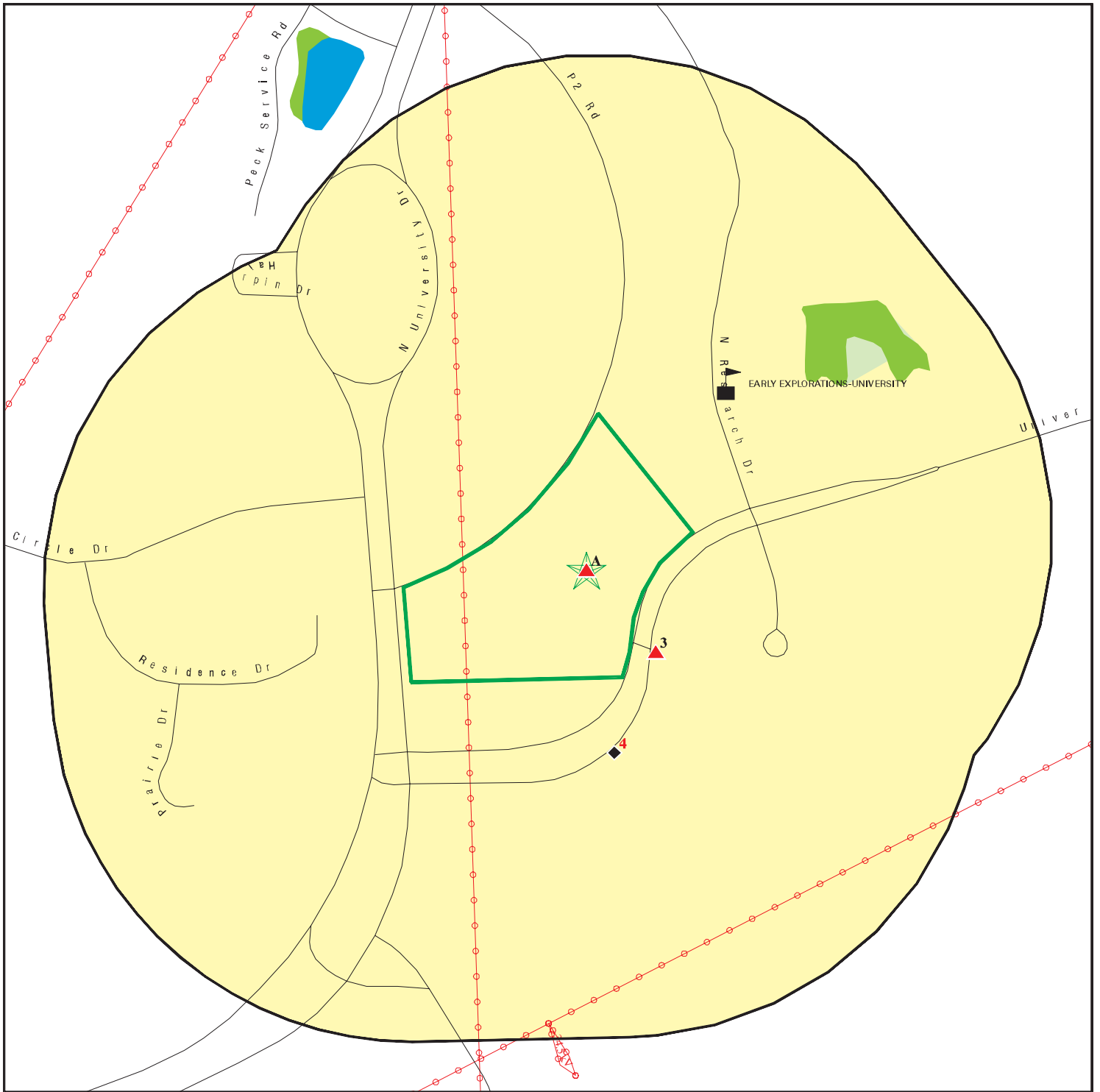
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

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: SIUE  
 ADDRESS: 200 University Park  
 Edwardsville IL 62025  
 LAT/LONG: 38.790139 / 89.991564

CLIENT: Terracon  
 CONTACT: Nicole Azmanov  
 INQUIRY #: 6615905.2s  
 DATE: August 11, 2021 1:50 pm

# DETAIL MAP - 6615905.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

0 1/16 1/8 1/4 Miles



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: SIUE  
ADDRESS: 200 University Park  
Edwardsville IL 62025  
LAT/LONG: 38.790139 / 89.991564

CLIENT: Terracon  
CONTACT: Nicole Azmanov  
INQUIRY #: 6615905.2s  
DATE: August 11, 2021 1:52 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	1	NR	1
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
IL SSU	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
IL SWF/LF	0.500		0	0	0	NR	NR	0
IL CCDD	0.500		0	0	0	NR	NR	0
IL LF SPECIAL WASTE	0.500		0	0	0	NR	NR	0
IL NIPC	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
IL LUST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
IL LUST TRUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
IL UST	0.250		0	0	NR	NR	NR	0
IL AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
IL ENG CONTROLS	0.500		0	0	0	NR	NR	0
IL INST CONTROL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
IL SRP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
IL BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
IL CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
IL TANKS	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
IL SPILLS	TP		NR	NR	NR	NR	NR	0
IL SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP	1	NR	NR	NR	NR	NR	1
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP	1	NR	NR	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
IL AIRS	TP		NR	NR	NR	NR	NR	0
IL ASBESTOS	TP		NR	NR	NR	NR	NR	0
IL BOL	TP		NR	NR	NR	NR	NR	0
IL CHICAGO ENV	TP		NR	NR	NR	NR	NR	0
IL COAL ASH	0.500		0	0	0	NR	NR	0
IL DRYCLEANERS	0.250		0	0	NR	NR	NR	0
IL Financial Assurance	TP		NR	NR	NR	NR	NR	0
IL HWAR	TP		NR	NR	NR	NR	NR	0
IL IMPDMENT	0.500		0	0	0	NR	NR	0
WI MANIFEST	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
IL NPDES	TP		NR	NR	NR	NR	NR	0
IL PIMW	0.250		0	0	NR	NR	NR	0
IL TIER 2	TP		NR	NR	NR	NR	NR	0
IL UIC	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
MINES MRDS	TP		NR	NR	NR	NR	NR	0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
IL RGA HWS	TP		NR	NR	NR	NR	NR	0
IL RGA LF	TP		NR	NR	NR	NR	NR	0
IL RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		3	2	0	0	1	0	6

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**  
**Target**  
**Property**      **SOUTHERN ILLINOIS UNIV EDWARDSVILLE**  
                  **200 UNIVERSITY PARK DRIVE SUITE 1129**  
                  **EDWARDSVILLE, IL 62025**

**FINDS**      **1016337052**  
                  **N/A**

**Site 1 of 2 in cluster A**

**Actual:**      **FINDS:**  
**573 ft.**      Registry ID:      110023163137

Click Here:

Environmental Interest/Information System:

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

**A2**  
**Target**  
**Property**      **SOUTHERN ILLINOIS UNIV EDWARDSVILLE**  
                  **200 UNIVERSITY PARK DRIVE SUITE 1129**  
                  **EDWARDSVILLE, IL 62025**

**FTTS**      **1008893185**  
**HIST FTTS**      **N/A**

**Site 2 of 2 in cluster A**

**Actual:**      **FTTS INSP:**  
**573 ft.**      Inspection Number:      20030501ITP52 1  
                  Region:      05  
                  Inspection Date:      05/01/03  
                  Inspector:      HANAUER  
                  Violation occurred:      No  
                  Investigation Type:      Section 6 PCB State Conducted  
                  Investigation Reason:      Neutral Scheme, State  
                  Legislation Code:      TSCA  
                  Facility Function:      User

**HIST FTTS INSP:**  
Inspection Number:      20030501ITP52 1  
Region:      05  
Inspector:      HANAUER  
Violation occurred:      No  
Investigation Type:      Section 6 PCB State Conducted  
Investigation Reason:      Neutral Scheme, State  
Legislation Code:      TSCA  
Facility Function:      User

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

3  
SE  
< 1/8  
0.018 mi.  
96 ft.

**SIUE DENTAL IMPLANT CLINIC**  
**195 UNIVERSITY PARK DR**  
**EDWARDSVILLE, IL 62025**

**RCRA NonGen / NLR**

**1007570100**  
**ILR000132100**

**Relative:**  
**Higher**

**Actual:**  
**580 ft.**

RCRA NonGen / NLR:  
Date Form Received by Agency: 2008-11-05 00:00:00.0  
Handler Name: SIUE DENTAL IMPLANT CLINIC  
Handler Address: 195 UNIVERSITY PARK DR  
Handler City,State,Zip: EDWARDSVILLE, IL 62025  
EPA ID: ILR000132100  
Contact Name: DAVID E MCDONALD  
Contact Telephone: 618-650-3584  
EPA Region: 05  
Land Type: State  
Federal Waste Generator Description: Not a generator, verified  
State District: CVILLE  
Mailing Address: CAMPUS BOX 1657  
Mailing City,State,Zip: EDWARDSVILLE, IL 62026  
Owner Name: SIUE  
Owner Type: State  
Operator Name: SIUE  
Operator Type: State  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: No  
Transfer Facility Activity: No  
Recycler Activity with Storage: No  
Small Quantity On-Site Burner Exemption: No  
Smelting Melting and Refining Furnace Exemption: No  
Underground Injection Control: No  
Off-Site Waste Receipt: No  
Universal Waste Indicator: No  
Universal Waste Destination Facility: No  
Federal Universal Waste: No  
Active Site State-Reg Handler: ---  
Hazardous Secondary Material Indicator: NN  
Commercial TSD Indicator: No  
2018 GPRA Permit Baseline: Not on the Baseline  
2018 GPRA Renewals Baseline: Not on the Baseline  
202 GPRA Corrective Action Baseline: No  
Corrective Action Workload Universe: No  
Subject to Corrective Action Universe: No  
Non-TSDFs Where RCRA CA has Been Imposed Universe: No  
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No  
TSDFs Only Subject to CA under Discretionary Auth Universe: No  
Corrective Action Priority Ranking: No NCAPS ranking  
Environmental Control Indicator: No  
Institutional Control Indicator: No  
Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Handler Date of Last Change: 2008-11-10 15:35:28.0  
Recognized Trader-Importer: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIUE DENTAL IMPLANT CLINIC (Continued)**

**1007570100**

Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Sub-Part P Indicator: No

**Hazardous Waste Summary:**

Waste Code: D008  
Waste Description: LEAD

Waste Code: D009  
Waste Description: MERCURY

**Handler - Owner Operator:**

Owner/Operator Indicator: Owner  
Owner/Operator Name: SIUE  
Legal Status: State  
Date Became Current: 1996-09-20 00:00:00.

Owner/Operator Indicator: Owner  
Owner/Operator Name: SIUE  
Legal Status: State  
Date Became Current: 1996-09-20 00:00:00.

Owner/Operator Indicator: Operator  
Owner/Operator Name: SIUE  
Legal Status: State  
Date Became Current: 1996-09-20 00:00:00.

Owner/Operator Indicator: Operator  
Owner/Operator Name: SIUE  
Legal Status: State  
Date Became Current: 1996-09-20 00:00:00.

**Historic Generators:**

Receive Date: 2008-11-05 00:00:00.0  
Handler Name: SIUE DENTAL IMPLANT CLINIC  
Federal Waste Generator Description: Not a generator, verified  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes

Receive Date: 2004-10-26 00:00:00.0  
Handler Name: SIUE DENTAL IMPLANT CLINIC  
Federal Waste Generator Description: Small Quantity Generator  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIUE DENTAL IMPLANT CLINIC (Continued)**

**1007570100**

List of NAICS Codes and Descriptions:

NAICS Code: 61131  
NAICS Description: COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

Facility Has Received Notices of Violation:

Found Violation: No

Evaluation Action Summary:

Evaluation Date: 2008-11-05 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW  
Evaluation Responsible Person Identifier: CNC  
Evaluation Responsible Sub-Organization: F6

**4**  
**South**  
**< 1/8**  
**0.052 mi.**  
**276 ft.**

**CROWN CASTLE - 210 GAL AST**  
**151 NORTH UNIVERSITY PARK DRIVE**  
**EDWARDSVILLE, IL 62025**

**IL AST A100415781**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**569 ft.**

AST:  
Name: CROWN CASTLE - 210 GAL AST  
Address: 151 NORTH UNIVERSITY PARK DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62025  
Occupancy Number: 059-MC-1462807589122  
Occupant Type: 059 - ABOVE GROUND BULK STORAGE  
Section Number: MC  
Property Owner Name: VERISON  
Type: TANK - ABOVE GROUND BUL

Name: CROWN CASTLE - 210 GAL AST  
Address: 151 NORTH UNIVERSITY PARK DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62025  
Occupancy Number: 059-MC- 1462807589122  
Occupant Type: 059 - ABOVE GROUND BULK STORAGE  
Section Number: MC  
Property Owner Name: VERISON  
Type: TANK - ABOVE GROUND BULK

**5**  
**West**  
**1/2-1**  
**0.624 mi.**  
**3296 ft.**

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG**  
**SOUTHERN IL UNIV CAMPUS**  
**EDWARDSVILLE, IL 62026**

**SEMS-ARCHIVE 1000408785**  
**CORRACTS ILD006331342**  
**RCRA-SQG**  
**NY MANIFEST**  
**WI MANIFEST**

**Relative:**  
**Lower**  
**Actual:**  
**538 ft.**

SEMS Archive:  
Site ID: 0506762  
EPA ID: ILD006331342  
Name: SOUTHERN ILLINOIS UNIV-SCIENCE BLDG  
Address: SOUTHERN IL UNIV CAMPUS  
City,State,Zip: EDWARDSVILLE, IL 62026  
FIPS Code: 17119  
FF: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

NPL: Not on the NPL  
Non NPL Status: Deferred to RCRA (Subtitle C)

**SEMS Archive Detail:**

Region: 05  
Site ID: 0506762  
EPA ID: ILD006331342  
Site Name: SOUTHERN ILLINOIS UNIV-SCIENCE BLDG  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Finish Date: 1995-12-11 05:00:00  
Current Action Lead: EPA Perf In-Hse

Region: 05  
Site ID: 0506762  
EPA ID: ILD006331342  
Site Name: SOUTHERN ILLINOIS UNIV-SCIENCE BLDG  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1992-01-08 05:00:00  
Finish Date: 1992-01-08 05:00:00  
Current Action Lead: EPA Perf

Region: 05  
Site ID: 0506762  
EPA ID: ILD006331342  
Site Name: SOUTHERN ILLINOIS UNIV-SCIENCE BLDG  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Finish Date: 1992-05-18 04:00:00  
Qual: D  
Current Action Lead: EPA Perf

**CORRACTS:**

Name: SIU EDWARDSVILLE CAMPUS  
Address: 6 HAIRPIN DR  
EPA ID: ILD006331342  
Area Name: ENTIRE FACILITY  
Corrective Action: RFA COMPLETED  
Actual Date: 00:00.0

Name: SIU EDWARDSVILLE CAMPUS  
Address: 6 HAIRPIN DR  
EPA ID: ILD006331342

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Area Name: ENTIRE FACILITY  
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY  
Actual Date: 00:00.0

Name: SIU EDWARDSVILLE CAMPUS  
Address: 6 HAIRPIN DR  
EPA ID: ILD006331342  
Area Name: ENTIRE FACILITY  
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY  
Actual Date: 00:00.0

Name: SIU EDWARDSVILLE CAMPUS  
Address: 6 HAIRPIN DR  
EPA ID: ILD006331342  
Area Name: ENTIRE FACILITY  
Corrective Action: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION  
Actual Date: 00:00.0

**RCRA-SQG:**

Date Form Received by Agency: 2020-07-08 00:00:00.0  
Handler Name: SIU EDWARDSVILLE CAMPUS  
Handler Address: 6 HAIRPIN DR  
Handler City,State,Zip: EDWARDSVILLE, IL 62026-1657  
EPA ID: ILD006331342  
Contact Name: DAVE MCDONALD  
Contact Telephone: 618-650-3584  
EPA Region: 05  
Land Type: State  
Federal Waste Generator Description: Small Quantity Generator  
Active Site Indicator: Handler Activities  
State District Owner: IL  
State District: CIVILLE  
Mailing Address: HAZARDOUS WASTE DEPT  
Mailing City,State,Zip: EDWARDSVILLE, IL 62026  
Owner Name: SIUE OFFICE OF THE CHANCELLOR  
Owner Type: State  
Operator Name: SIUE EMERGENCY MGMT & SAFETY  
Operator Type: State  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: No  
Transfer Facility Activity: No  
Recycler Activity with Storage: No  
Small Quantity On-Site Burner Exemption: No  
Smelting Melting and Refining Furnace Exemption: No  
Underground Injection Control: No  
Off-Site Waste Receipt: No  
Universal Waste Indicator: Yes  
Universal Waste Destination Facility: Yes  
Federal Universal Waste: Yes  
Active Site State-Reg Handler: ---  
Hazardous Secondary Material Indicator: N  
Commercial TSD Indicator: No  
Treatment Storage and Disposal Type: Storage, Treatment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Progress Universe:	Storage, Treatment
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	Yes
Corrective Action Priority Ranking:	Low
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Handler Date of Last Change:	2020-07-08 15:25:58.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F004
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:

F005

Waste Description:

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:

F027

Waste Description:

DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)

Waste Code:

LABP

Waste Description:

LABP

Waste Code:

P003

Waste Description:

2-PROPENAL (OR) ACROLEIN

Waste Code:

P014

Waste Description:

BENZENETHIOL (OR) THIOPHENOL

Waste Code:

P018

Waste Description:

BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-

Waste Code:

P022

Waste Description:

CARBON DISULFIDE

Waste Code:

P074

Waste Description:

NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)<sub>2</sub>

Waste Code:

P098

Waste Description:

POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code:

P104

Waste Description:

SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

Waste Code:

P105

Waste Description:

SODIUM AZIDE

Waste Code:

P121

Waste Description:

ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)<sub>2</sub>

Waste Code:

U038

Waste Description:

BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE

Waste Code:

U067

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Waste Description:	ETHANE, 1,2-DIBROMO- (OR) ETHYLENE DIBROMIDE
Waste Code:	U108
Waste Description:	1,4-DIETHYLENEOXIDE (OR) 1,4-DIOXANE
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U138
Waste Description:	METHANE, IODO- (OR) METHYL IODIDE
Waste Code:	U144
Waste Description:	ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U166
Waste Description:	1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U211
Waste Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code:	U240
Waste Description:	2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D
Waste Code:	U246
Waste Description:	CYANOGEN BROMIDE (CN)BR
Waste Code:	U279
Waste Description:	U279

**Handler - Owner Operator:**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIUE OFFICE OF THE CHANCELLOR
Legal Status:	State
Date Became Current:	1959-01-19 00:00:00.
Owner/Operator Address:	CAMPUS BOX 1151
Owner/Operator City,State,Zip:	EDWARDSVILLE, IL 62026-1151
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIUE OFFICE OF THE CHANCELLOR
Legal Status:	State
Date Became Current:	1959-01-19 00:00:00.
Owner/Operator Address:	CAMPUS BOX 1151
Owner/Operator City,State,Zip:	EDWARDSVILLE, IL 62026-1151

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Owner/Operator Indicator: Operator  
Owner/Operator Name: SOUTHERN IL UNIV EDWARDSVILLE  
Legal Status: State  
Owner/Operator Address: ROUTE 157  
Owner/Operator City,State,Zip: EDWARDSVILLE, IL 62026  
Owner/Operator Telephone: 618-692-2042

Owner/Operator Indicator: Operator  
Owner/Operator Name: SIUE EMERGENCY MGMT & SAFETY  
Legal Status: State  
Date Became Current: 1959-01-19 00:00:00.  
Owner/Operator Address: CAMPUS BOX 1657  
Owner/Operator City,State,Zip: EDWARDSVILLE, IL 62026-1657

Owner/Operator Indicator: Operator  
Owner/Operator Name: SIUE EMERGENCY MGMT & SAFETY  
Legal Status: State  
Date Became Current: 1959-01-19 00:00:00.  
Owner/Operator Address: CAMPUS BOX 1657  
Owner/Operator City,State,Zip: EDWARDSVILLE, IL 62026-1657

Owner/Operator Indicator: Owner  
Owner/Operator Name: SIUE OFFICE OF THE CHANCELLOR  
Legal Status: State  
Owner/Operator Address: CAMPUS BOX 1151  
Owner/Operator City,State,Zip: EDWARDSVILLE, IL 62026  
Owner/Operator Telephone: 618-650-2475

**Historic Generators:**

Receive Date: 1987-04-07 00:00:00.0  
Handler Name: SIUE EDWARDSVILLE CAMPUS  
Federal Waste Generator Description: Not a generator, verified  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Receive Date: 2013-03-01 00:00:00.0  
Handler Name: SIU EDWARDSVILLE CAMPUS  
Federal Waste Generator Description: Large Quantity Generator  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Receive Date: 1994-04-28 00:00:00.0  
Handler Name: SIUE EDWARDSVILLE CAMPUS  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Spent Lead Acid Battery Exporter: No  
Current Record: No

Receive Date: 1992-03-12 00:00:00.0  
Handler Name: SIUE EDWARDSVILLE CAMPUS  
Federal Waste Generator Description: Not a generator, verified  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Receive Date: 2020-07-08 00:00:00.0  
Handler Name: SIU EDWARDSVILLE CAMPUS  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: IL  
Large Quantity Handler of Universal Waste: Yes  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: No  
Electronic Manifest Broker: No

Receive Date: 1987-01-16 00:00:00.0  
Handler Name: SIUE EDWARDSVILLE CAMPUS  
Federal Waste Generator Description: Not a generator, verified  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Receive Date: 2002-03-19 00:00:00.0  
Handler Name: SIUE EDWARDSVILLE CAMPUS  
Federal Waste Generator Description: Small Quantity Generator  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Receive Date: 1990-02-28 00:00:00.0  
Handler Name: SOUTHERN ILLINOIS UNIVERSITY  
Federal Waste Generator Description: Large Quantity Generator  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Receive Date: 1992-03-01 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Handler Name: SOUTHERN ILLINOIS UNIVERSITY  
Federal Waste Generator Description: Small Quantity Generator  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

List of NAICS Codes and Descriptions:

NAICS Code: 61131  
NAICS Description: COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

Facility Has Received Notices of Violation:

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - Contingency Plan and Emergency Procedures  
Date Violation was Determined: 1993-01-22 00:00:00.0  
Violation Responsible Agency: EPA

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 1992-05-06 00:00:00.0  
Actual Return to Compliance Date: 1992-06-03 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: EPA

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 1993-01-22 00:00:00.0  
Violation Responsible Agency: EPA

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 1990-02-14 00:00:00.0  
Actual Return to Compliance Date: 1990-07-02 00:00:00.0  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: EPA  
Scheduled Compliance Date: 1990-07-08 00:00:00.0  
Enforcement Identifier: 002  
Date of Enforcement Action: 1990-06-08 00:00:00.0  
Enforcement Responsible Agency: EPA  
Corrective Action Component: No  
Enforcement Type: WRITTEN INFORMAL

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 1993-01-22 00:00:00.0  
Violation Responsible Agency: EPA

Found Violation: Yes  
Agency Which Determined Violation: EPA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Violation Short Description:	TSD - General
Date Violation was Determined:	1992-05-06 00:00:00.0
Actual Return to Compliance Date:	1992-06-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Found Violation:	No
Found Violation:	No
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-05-25 00:00:00.0
Actual Return to Compliance Date:	1988-12-12 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1988-10-21 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1988-09-22 00:00:00.0
Enforcement Responsible Agency:	EPA
Corrective Action Component:	No
Enforcement Type:	WRITTEN INFORMAL
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-05-06 00:00:00.0
Actual Return to Compliance Date:	1992-06-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Found Violation:	No
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	1993-01-22 00:00:00.0
Violation Responsible Agency:	EPA
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-05-06 00:00:00.0
Actual Return to Compliance Date:	1992-06-03 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-02-15 00:00:00.0
Actual Return to Compliance Date:	1991-05-09 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Enforcement Identifier:	003
Date of Enforcement Action:	1991-04-09 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Enforcement Responsible Agency: EPA  
Corrective Action Component: No  
Enforcement Type: WRITTEN INFORMAL

Found Violation: No

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 1993-11-18 00:00:00.0  
Violation Responsible Agency: EPA

**Evaluation Action Summary:**

Evaluation Date: 1993-01-22 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R5  
Evaluation Responsible Sub-Organization: RE

Evaluation Date: 1992-02-28 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R5BJR  
Evaluation Responsible Sub-Organization: RE  
Actual Return to Compliance Date: 1992-06-03 00:00:00.0

Evaluation Date: 1993-01-22 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R5  
Evaluation Responsible Sub-Organization: RE

Evaluation Date: 1990-02-14 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Actual Return to Compliance Date: 1990-07-02 00:00:00.0  
Scheduled Compliance Date: 1990-07-08 00:00:00.0

Evaluation Date: 1993-01-22 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R5  
Evaluation Responsible Sub-Organization: RE

Evaluation Date: 1992-02-28 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R5BJR  
Evaluation Responsible Sub-Organization: RE  
Actual Return to Compliance Date: 1992-06-03 00:00:00.0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Evaluation Date: 2013-08-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: MDG  
Evaluation Responsible Sub-Organization: F6

Evaluation Date: 1989-05-10 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE

Evaluation Date: 1988-05-25 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Actual Return to Compliance Date: 1988-12-12 00:00:00.0  
Scheduled Compliance Date: 1988-10-21 00:00:00.0

Evaluation Date: 1992-02-28 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R5BJR  
Evaluation Responsible Sub-Organization: RE  
Actual Return to Compliance Date: 1992-06-03 00:00:00.0

Evaluation Date: 1994-05-13 00:00:00.0  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION  
Evaluation Responsible Person Identifier: ILMG  
Evaluation Responsible Sub-Organization: F6

Evaluation Date: 1993-01-22 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R5  
Evaluation Responsible Sub-Organization: RE

Evaluation Date: 1992-02-28 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R5BJR  
Evaluation Responsible Sub-Organization: RE  
Actual Return to Compliance Date: 1992-06-03 00:00:00.0

Evaluation Date: 1991-02-15 00:00:00.0  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Actual Return to Compliance Date: 1991-05-09 00:00:00.0

Evaluation Date: 2003-05-02 00:00:00.0  
Evaluation Responsible Agency: EPA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RDS
Evaluation Date:	1993-11-18 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R5CIH
Evaluation Responsible Sub-Organization:	RE

**NY MANIFEST:**

Name:	SIU EDWARDSVILLE
Address:	#6 HAIRPIN DR
City,State,Zip:	EDWARDSVILLE, IL 62026-1657
Country:	USA
EPA ID:	ILD006331342
Location Address 1:	REND LEMAN BUILDING ROOM 214
Code:	BP
Location City:	EDWARDSVILLE
Location State:	IL
Location Zip:	62026

**NY MANIFEST:**

EPAID:	ILD006331342
Mailing Name:	SIU EDWARDSVILLE
Mailing Contact:	THOMAS E SCHUITZIUS
Mailing Address 1:	REND LEMAN BUILDING ROOM 214
Mailing City:	EDWARDSVILLE
Mailing State:	IL
Mailing Zip:	62026

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Mailing Country: USA  
Mailing Phone: 9999999999

**NY MANIFEST:**

Document ID: NYB6688161  
Manifest Status: K  
Year: 1996  
Trans1 State ID: 3890  
Trans2 State ID: 3908  
Generator Ship Date: 08/09/1996  
Trans1 Recv Date: 08/09/1996  
Trans2 Recv Date: 08/14/1996  
TSD Site Recv Date: 08/27/1996  
Part A Recv Date: / /  
Part B Recv Date: 09/12/1996  
Generator EPA ID: ILD006331342  
Trans1 EPA ID: NJD080631369  
TSDF ID 1: NYD000632372  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00005  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100

**WI MANIFEST:**

Name: SOUTHERN ILLINOIS UNIVERSITY  
Address: # 4 HAIRPIN DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62026  
Year: 2016  
EPA ID: ILD006331342  
ACT Code: 202  
ACT Status: A  
ACT Code 1: 202  
ACT Name: HW Generator - Small

**Shipped:**

Year: 2016  
Manifest Doc Id: 002925400GBF  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 03/03/2016  
TSD Date: 03/14/2016  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 04/13/2016

Name: SOUTHERN ILLINOIS UNIVERSITY  
Address: # 4 HAIRPIN DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62026  
Year: 2015  
EPA ID: ILD006331342  
ACT Code: 202  
ACT Status: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

ACT Code 1: 202  
ACT Name: HW Generator - Small

Shipped:

Year: 2015  
Manifest Doc Id: 002401685GBF  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 12/02/2015  
TSD Date: 12/16/2015  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 01/14/2016

Year: 2015  
Manifest Doc Id: 002667236GBF  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 06/03/2015  
TSD Date: 06/17/2015  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 07/13/2015

Name: SOUTHERN ILLINOIS UNIVERSITY  
Address: # 4 HAIRPIN DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62026  
Year: 2014  
EPA ID: ILD006331342  
ACT Code: 202  
ACT Status: A  
ACT Code 1: 202  
ACT Name: HW Generator - Small

Shipped:

Year: 2014  
Manifest Doc Id: 013167220JJK  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 08/27/2014  
TSD Date: 09/08/2014  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 10/14/2014

Name: SOUTHERN ILLINOIS UNIVERSITY  
Address: # 4 HAIRPIN DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62026  
Year: 2012  
EPA ID: ILD006331342  
ACT Code: 202  
ACT Status: A  
ACT Code 1: 202  
ACT Name: HW Generator - Small

Shipped:

Year: 2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Manifest Doc Id: 000701004VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 01/04/2012  
TSD Date: 01/12/2012  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 02/10/2012

Year: 2012  
Manifest Doc Id: 000701352VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 04/17/2012  
TSD Date: 05/02/2012  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 06/14/2012

Year: 2012  
Manifest Doc Id: 000701832VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 05/22/2012  
TSD Date: 05/31/2012  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 06/14/2012

Year: 2012  
Manifest Doc Id: 000701833VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 05/22/2012  
TSD Date: 06/04/2012  
TSD EPA ID: WID988566543  
TSD Copy Revd Date: 07/13/2012

Year: 2012  
Manifest Doc Id: 000701845VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 06/27/2012  
TSD Date: 07/09/2012  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 08/14/2012

Name: SOUTHERN ILLINOIS UNIVERSITY  
Address: # 4 HAIRPIN DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62026  
Year: 2011  
EPA ID: ILD006331342  
ACT Code: 202  
ACT Status: A  
ACT Code 1: 202  
ACT Name: HW Generator - Small

Shipped:  
Year: 2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Manifest Doc Id: 000457938VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 05/03/2011  
TSD Date: 05/10/2011  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 06/13/2011

Year: 2011  
Manifest Doc Id: 000343346VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 04/14/2011  
TSD Date: 04/27/2011  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 05/20/2011

Year: 2011  
Manifest Doc Id: 000563696VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 10/18/2011  
TSD Date: 11/02/2011  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 11/11/2011

Year: 2011  
Manifest Doc Id: 000560284VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 08/09/2011  
TSD Date: 08/23/2011  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 09/19/2011

Year: 2011  
Manifest Doc Id: 000560286VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 08/09/2011  
TSD Date: 08/31/2011  
TSD EPA ID: WID988566543  
TSD Copy Revd Date: 09/06/2011

Name: SOUTHERN ILLINOIS UNIVERSITY  
Address: # 4 HAIRPIN DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62026  
Year: 2010  
EPA ID: ILD006331342  
ACT Code: 202  
ACT Status: A  
ACT Code 1: 202  
ACT Name: HW Generator - Small

Shipped:  
Year: 2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Manifest Doc Id: 000387217VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 09/13/2010  
TSD Date: 09/16/2010  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 10/05/2010

Year: 2010  
Manifest Doc Id: 000460680VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 02/22/2010  
TSD Date: 03/03/2010  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 03/17/2010

Year: 2010  
Manifest Doc Id: 000388290VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 06/14/2010  
TSD Date: 06/21/2010  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 07/08/2010

Year: 2010  
Manifest Doc Id: 000388379VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 06/28/2010  
TSD Date: 07/12/2010  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 09/16/2010

Year: 2010  
Manifest Doc Id: 000458621VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 12/06/2010  
TSD Date: 12/14/2010  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 12/28/2010

Name: SOUTHERN ILLINOIS UNIVERSITY  
Address: # 4 HAIRPIN DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62026  
Year: 2009  
EPA ID: ILD006331342  
ACT Code: 202  
ACT Status: A  
ACT Code 1: 202  
ACT Name: HW Generator - Small

Shipped:  
Year: 2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTHERN ILLINOIS UNIV-SCIENCE BLDG (Continued)**

**1000408785**

Manifest Doc Id: 000325605VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 07/28/2009  
TSD Date: 08/12/2009  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 10/01/2009

Year: 2009  
Manifest Doc Id: 000343095VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 09/28/2009  
TSD Date: 10/08/2009  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 10/13/2009

Year: 2009  
Manifest Doc Id: 000343023VES  
Copy Type: TSDCOPY  
Gen EPA ID: ILD006331342  
Gen Date: 11/02/2009  
TSD Date: 11/18/2009  
TSD EPA ID: WID003967148  
TSD Copy Revd Date: 12/01/2009

Name: SOUTHERN ILLINOIS UNIVERSITY  
Address: # 4 HAIRPIN DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62026  
Year: 2006  
EPA ID: ILD006331342  
FID: 0  
ACT Code: 202  
ACT Status: A  
ACT Code 1: 202  
ACT Name: HW Generator - Small

Name: SOUTHERN ILLINOIS UNIVERSITY  
Address: # 4 HAIRPIN DRIVE  
City,State,Zip: EDWARDSVILLE, IL 62026  
Year: 2004  
EPA ID: ILD006331342  
FID: 0  
ACT Code: 202  
ACT Status: A  
ACT Code 1: 202  
ACT Name: HW Generator - Small

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
IL	AIRS	Air Inventory Listing	Illinois EPA	03/31/2021	04/01/2021	06/24/2021
IL	ASBESTOS	ASBESTOS	Illinois EPA	03/17/2021	04/01/2021	04/07/2021
IL	AST	Above Ground Storage Tanks	State Fire Marshal	04/12/2021	05/13/2021	07/27/2021
IL	BOL	Bureau of Land Inventory Database	Illinois Environmental Protection Agency	05/19/2021	05/25/2021	06/11/2021
IL	BROWNFIELDS	Municipal Brownfields Redevelopment Grant Program Project De	Illinois Environmental Protection Agency	02/11/2010	07/31/2014	09/08/2014
IL	BROWNFIELDS	Redevelopment Assessment Database	Illinois Environmental Protection Agency	04/19/2021	04/20/2021	07/07/2021
IL	CCDD	Clean Construction or Demolition Debris	Illinois EPA	09/11/2020	10/28/2020	12/09/2020
IL	CDL	Meth Drug Lab Site Listing	Department of Public Health	01/02/2021	05/21/2021	08/10/2021
IL	CHICAGO ENV	Environmental Records Dataset	Chicago Department of Public Health	03/10/2021	03/16/2021	06/02/2021
IL	CHICAGO TANKS	CDPH Storage Tanks Listing	Department of Public Health	03/10/2021	03/16/2021	06/02/2021
IL	COAL ASH	Coal Ash Site Listing	Illinois EPA	10/01/2011	03/09/2012	04/10/2012
IL	DRYCLEANERS	Illinois Licensed Drycleaners	Drycleaner Environmental Response Trust Fund	04/29/2021	05/18/2021	08/10/2021
IL	ENG CONTROLS	Sites with Engineering Controls	Illinois Environmental Protection Agency	03/29/2021	03/30/2021	06/21/2021
IL	Financial Assurance	Financial Assurance Information Listing	Illinois Environmental Protection Agency	09/01/2020	11/18/2020	02/05/2021
IL	HWAR	Hazard Waste Annual Report	Illinois EPA	12/31/2019	05/11/2021	08/02/2021
IL	IEMA SPILLS	Illinois Emergency Management Agency Spills	Illinois Emergency Management Agency	04/26/2021	04/27/2021	07/15/2021
IL	IL NIPC	Solid Waste Landfill Inventory	Northeastern Illinois Planning Commission	08/01/1988	08/01/1994	08/12/1994
IL	IMPDMENT	Surface Impoundment Inventory	Illinois Waste Management & Research Center	12/31/1980	03/08/2002	06/03/2002
IL	Inst Control	Institutional Controls	Illinois Environmental Protection Agency	03/29/2021	03/30/2021	06/21/2021
IL	LF SPECIAL WASTE	Special Waste Site List	Illinois EPA	01/01/1990	06/17/2009	07/15/2009
IL	LF WMRC	Waste Management & Research Center Landfill Database	Department of Natural Resources	12/31/2001	10/06/2006	11/06/2006
IL	LUST	Leaking Underground Storage Tank Sites	Illinois Environmental Protection Agency	04/19/2021	04/20/2021	07/07/2021
IL	LUST TRUST	Underground Storage Tank Fund Payment Priority List	Illinois EPA	06/06/2016	07/27/2016	10/18/2016
IL	NPDES	A Listing of Active Permits	Illinois EPA	04/16/2014	04/18/2014	05/20/2014
IL	PIMW	Potentially Infectious Medical Waste	Illinois EPA	03/15/2021	03/17/2021	06/03/2021
IL	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Natural Resources		07/01/2013	12/30/2013
IL	RGA LF	Recovered Government Archive Solid Waste Facilities List	Illinois Environmental Protection Agency		07/01/2013	01/10/2014
IL	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Illinois Environmental Protection Agency		07/01/2013	12/30/2013
IL	SPILLS	State spills	Illinois EPA	02/19/2021	04/08/2021	04/12/2021
IL	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	07/18/2012	01/03/2013	03/15/2013
IL	SRP	Site Remediation Program Database	Illinois Environmental Protection Agency	03/29/2021	03/30/2021	06/21/2021
IL	SSU	State Sites Unit Listing	Illinois Environmental Protection Agency	02/19/2021	04/21/2021	07/08/2021
IL	SWF/LF	Available Disposal for Solid Waste in Illinois - Solid Waste	Illinois Environmental Protection Agency	12/31/2019	10/20/2020	01/11/2021
IL	TIER 2	Tier 2 Information Listing	Illinois Emergency Management Agency	12/31/2020	05/11/2021	07/27/2021
IL	UIC	Underground Injection Wells	Illinois EPA	08/07/2020	08/07/2020	11/05/2020
IL	UST	Underground Storage Tank Facility List	Illinois State Fire Marshal	04/19/2021	04/20/2021	07/08/2021
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/23/2021	03/25/2021	06/17/2021
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2017	06/22/2020	11/20/2020
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2019	12/01/2020	02/09/2021
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2021	07/14/2021	07/16/2021
US	CORRACTS	Corrective Action Report	EPA	03/22/2021	03/23/2021	05/19/2021
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	11/03/2020	11/17/2020	02/09/2021
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
US	Delisted NPL	National Priority List Deletions	EPA	04/27/2021	05/03/2021	05/19/2021
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	04/04/2021	04/06/2021	06/25/2021
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/22/2021	03/24/2021	06/17/2021
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	02/22/2021	03/30/2021	06/17/2021
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/29/2021	02/17/2021	03/22/2021
US	FINDS	Facility Index System/Facility Registry System	EPA	02/03/2021	03/03/2021	04/05/2021
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	02/11/2021	02/17/2021	04/05/2021
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	05/14/2021	05/14/2021	08/03/2021
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/22/2021	03/24/2021	06/17/2021
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/01/2020	12/16/2020	03/12/2021
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	11/12/2020	12/16/2020	03/12/2021
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	10/02/2020	12/18/2020	03/12/2021
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/07/2020	12/16/2020	03/12/2021
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	09/30/2020	12/22/2020	03/12/2021
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/09/2020	12/16/2020	03/12/2021
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/01/2020	12/16/2020	03/12/2021
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/01/2020	12/16/2020	03/12/2021
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	11/12/2020	12/16/2020	03/12/2021
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/02/2020	12/18/2020	03/12/2021
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/07/2020	12/16/2020	03/12/2021
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	09/30/2020	12/22/2020	03/12/2021
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/09/2020	12/16/2020	03/12/2021
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/01/2020	12/16/2020	03/12/2021
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	04/27/2021	05/03/2021	05/19/2021
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	04/27/2021	05/03/2021	05/19/2021
US	LUCIS	Land Use Control Information System	Department of the Navy	05/10/2021	05/13/2021	08/03/2021
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	05/27/2021	05/27/2021	06/10/2021

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	03/08/2021	03/11/2021	05/11/2021
US	NPL	National Priority List	EPA	04/27/2021	05/03/2021	05/19/2021
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	11/19/2020	01/08/2021	03/22/2021
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	07/14/2011	08/05/2011	09/29/2011
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PCS INACTIVE	Listing of Inactive PCS Permits	EPA	11/05/2014	01/06/2015	05/06/2015
US	PRP	Potentially Responsible Parties	EPA	12/30/2020	01/14/2021	03/05/2021
US	Proposed NPL	Proposed National Priority List Sites	EPA	04/27/2021	05/03/2021	05/19/2021
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
US	RMP	Risk Management Plans	Environmental Protection Agency	05/07/2021	05/13/2021	08/03/2021
US	ROD	Records Of Decision	EPA	04/27/2021	05/03/2021	05/19/2021
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	04/27/2021	05/03/2021	05/19/2021
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	04/27/2021	05/03/2021	05/19/2021
US	SSTS	Section 7 Tracking Systems	EPA	04/19/2021	04/20/2021	07/16/2021
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	03/15/2021	03/16/2021	06/10/2021
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	02/22/2021	02/23/2021	05/19/2021
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/22/2021	03/23/2021	06/17/2021
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	02/22/2021	02/23/2021	05/19/2021
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/01/2021	02/24/2021	05/19/2021
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2018	07/02/2020	09/17/2020

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	03/24/2021	05/11/2021	07/28/2021
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	04/29/2020	07/10/2020
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2019	02/11/2021	02/24/2021
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
IL	Daycare Centers	Sensitive Receptor: Homes & Centers Listing	Department of Children & Family Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
IL	State Wetlands	Wetland Inventory	Illinois State Geological Survey			
US	Topographic Map	Current USGS 7.5 Minute Topographic Map	U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

### STREET AND ADDRESS INFORMATION

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

SIUE  
200 UNIVERSITY PARK  
EDWARDSVILLE, IL 62025

### **TARGET PROPERTY COORDINATES**

Latitude (North):	38.790139 - 38° 47' 24.50"
Longitude (West):	89.991564 - 89° 59' 29.63"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	240159.5
UTM Y (Meters):	4297533.0
Elevation:	573 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5656723 EDWARDSVILLE, IL
Version Date:	2012
West Map:	5680967 WOOD RIVER, IL
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

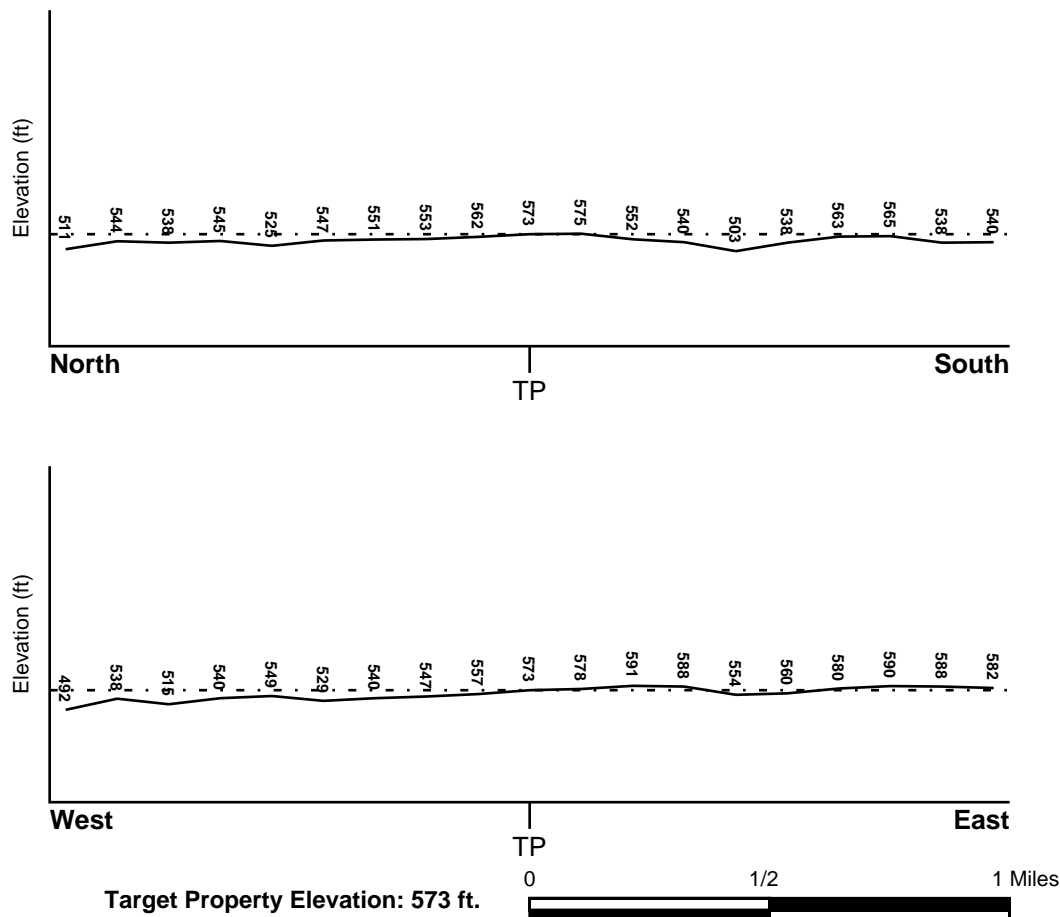
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### 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

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
1704360095B	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
1704410001C	FEMA Q3 Flood data
1704410004C	FEMA Q3 Flood data
1704410003C	FEMA Q3 Flood data
NO PANEL ID	FEMA Q3 Flood data

### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
EDWARDSVILLE	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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **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**

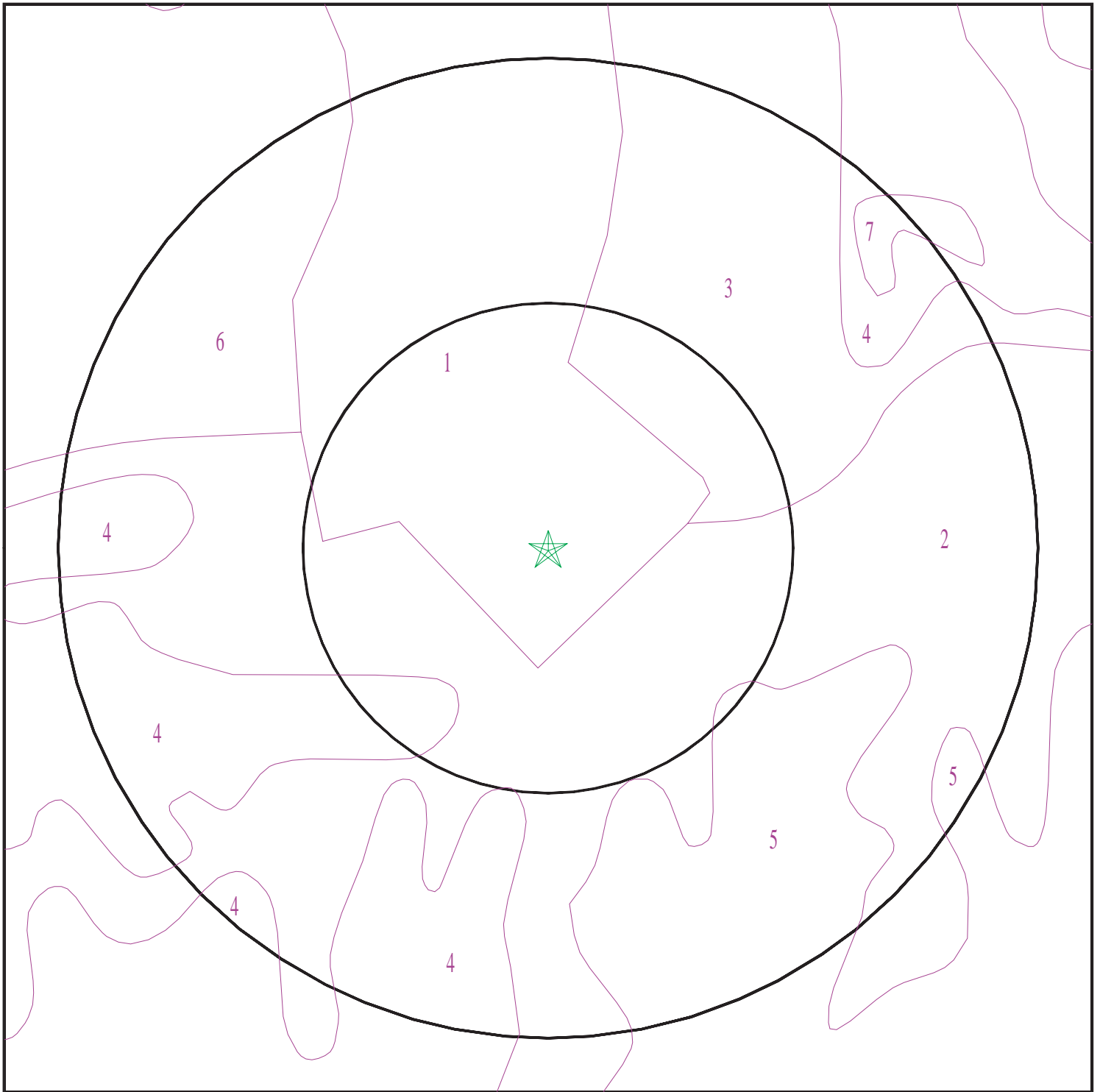
Era:	Paleozoic
System:	Pennsylvanian
Series:	Des Moinesian Series
Code:	PP2 ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 6615905.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: SIUE  
ADDRESS: 200 University Park  
Edwardsville IL 62025  
LAT/LONG: 38.790139 / 89.991564

CLIENT: Terracon  
CONTACT: Nicole Azmanov  
INQUIRY #: 6615905.2s  
DATE: August 11, 2021 1:53 pm

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

---

#### **Soil Map ID: 1**

Soil Component Name: Urban land

Soil Surface Texture:  
Hydrologic Group: Not reported

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

---

#### **Soil Map ID: 2**

Soil Component Name: Menfro

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6
2	9 inches	61 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6
3	61 inches	79 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6

### Soil Map ID: 3

Soil Component Name: Winfield

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
2	9 inches	12 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
3	12 inches	61 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
4	61 inches	79 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1

### Soil Map ID: 4

Soil Component Name: Sylvan

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4
2	3 inches	29 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4
3	29 inches	79 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4

### Soil Map ID: 5

Soil Component Name: Sylvan

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 8.4 Min: 6.6
2	5 inches	29 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 8.4 Min: 6.6
3	29 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 8.4 Min: 6.6

### Soil Map ID: 6

Soil Component Name: Winfield

Soil Surface Texture: silt loam

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

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
2	9 inches	12 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
3	12 inches	61 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1
4	61 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 7

Soil Component Name: Water

Soil Surface Texture: silt loam

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

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### 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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000295184	1/2 - 1 Mile ESE

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

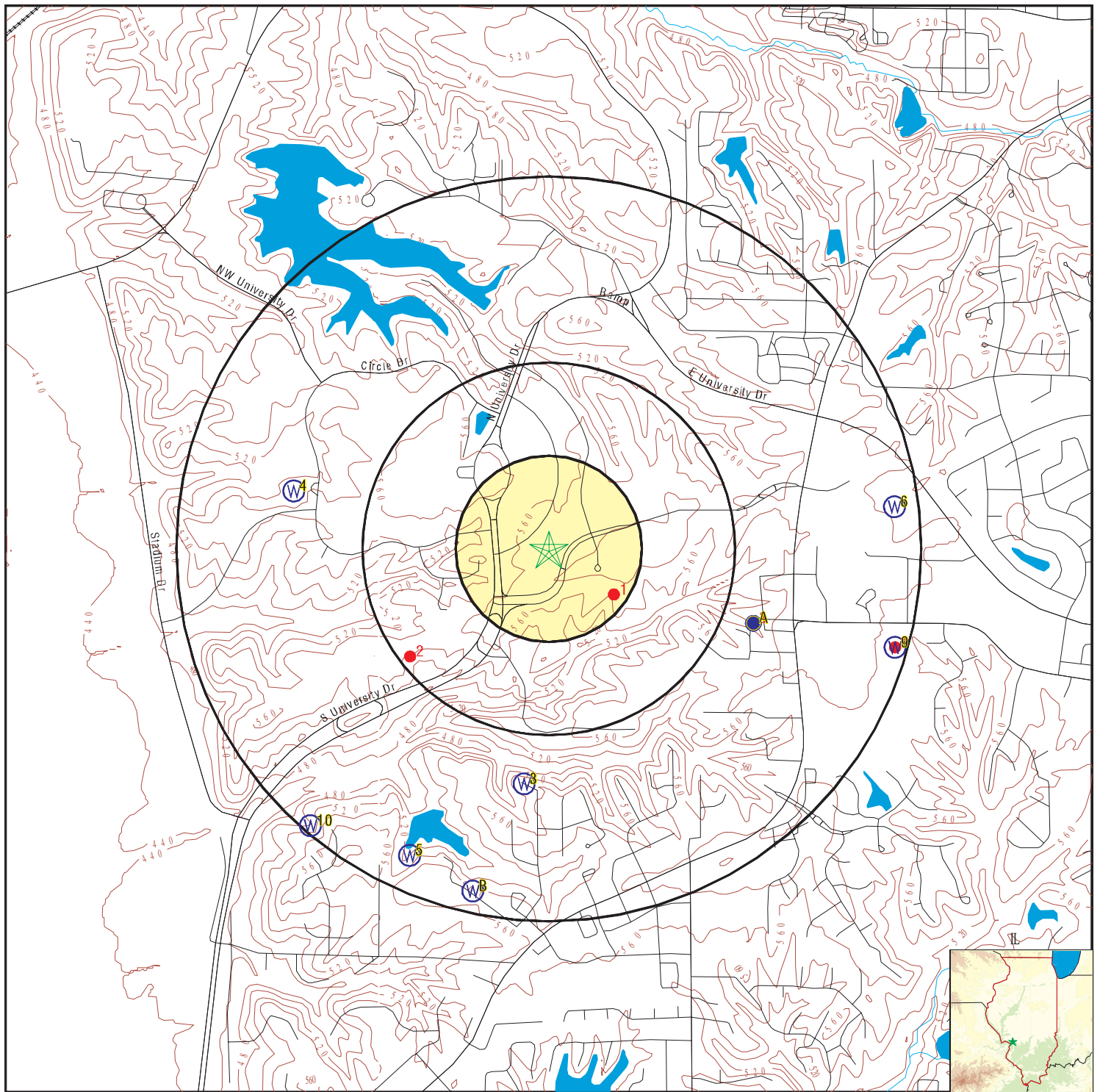
MAP ID	WELL ID	LOCATION FROM TP
A2	ILSG30000224054	1/2 - 1 Mile ESE
3	ILSG30000221011	1/2 - 1 Mile South
4	ILSG30000223416	1/2 - 1 Mile WNW
5	ILSG30000218603	1/2 - 1 Mile SSW
6	ILSG30000223585	1/2 - 1 Mile East
B7	ILSG30000222094	1/2 - 1 Mile SSW
B8	ILSG30000222095	1/2 - 1 Mile SSW
9	ILSG30000223317	1/2 - 1 Mile ESE
10	ILSG30000223764	1/2 - 1 Mile SW

### OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ILOG20000160766	1/8 - 1/4 Mile SE
2	ILOG20000134090	1/4 - 1/2 Mile SW
3	ILOG20000195664	1/2 - 1 Mile ESE
4	ILOG20000191069	1/2 - 1 Mile ESE

# PHYSICAL SETTING SOURCE MAP - 6615905.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

0 1/4 1/2 1 Miles



SITE NAME: SIUE  
 ADDRESS: 200 University Park  
 Edwardsville IL 62025  
 LAT/LONG: 38.790139 / 89.991564

CLIENT: Terracon  
 CONTACT: Nicole Azmanov  
 INQUIRY #: 6615905.2s  
 DATE: August 11, 2021 1:53 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000295184**

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	4N8W-22.7g1	Type:	Well
Description:	NAWQA GWSI data entry verified by pcmills 07082005		
HUC:	07140101	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported		
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Quaternary System	Aquifer Type:	Unconfined single aquifer
Construction Date:	20050419	Well Depth:	43.5
Well Depth Units:	ft	Well Hole Depth:	50.2
Well Hole Depth Units:	ft		

**A2**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**IL WELLS      ILSG30000224054**

Database:	Water Well Records	API #:	121192852000
IL State Water Survey P #:	0	Status:	Stratigraphic Test
Well Name:	Edwardsville, City of	Well:	SIL-27A
Driller:	US Geological Survey	Date Drilled:	20041012
Elevation:	575	Elevation Reference:	Topographic map
Total Depth:	44	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

**3**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**IL WELLS      ILSG30000221011**

Database:	Water Well Records	API #:	121192527500
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Miller, D.R.	Well:	Not Reported
Driller:	Bush, Henry L	Date Drilled:	19831110
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	65	Lithologic Formation:	sandy clay
Top of Formation (ft):	34	Bottom of Formation (ft):	36
Pump Flow (gal/min):	0		

**4**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**IL WELLS      ILSG30000223416**

Database:	Water Well Records	API #:	121192786400
IL State Water Survey P #:	410188	Status:	Water Well
Well Name:	SIU-Edwardsville	Well:	2
Driller:	Not Reported	Date Drilled:	1965 1 1

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Elevation: 0  
Total Depth: 103  
Top of Formation (ft): 0  
Pump Flow (gal/min): 0

Elevation Reference: Not Reported  
Lithologic Formation: Not Reported  
Bottom of Formation (ft): 0

**5**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**IL WELLS** **ILSG30000218603**

Database: Water Well Records  
IL State Water Survey P #: 0  
Well Name: Sunset Hills Country Club  
Driller: owner  
Elevation: 575  
Total Depth: 400  
Top of Formation (ft): 391  
Pump Flow (gal/min): 0

API #: 121190195100  
Status: Water Well  
Well: Not Reported  
Date Drilled: 1946 1 1  
Elevation Reference: Ground level  
Lithologic Formation: shale  
Bottom of Formation (ft): 400

**6**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**IL WELLS** **ILSG30000223585**

Database: Water Well Records  
IL State Water Survey P #: 0  
Well Name: Structure Boring  
Driller: IL Div. of Highways  
Elevation: 578  
Total Depth: 55  
Top of Formation (ft): 0  
Pump Flow (gal/min): 0

API #: 121192803700  
Status: Engineering Test  
Well: B-9  
Date Drilled: 20011116  
Elevation Reference: Ground level  
Lithologic Formation: Not Reported  
Bottom of Formation (ft): 0

**B7**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**IL WELLS** **ILSG30000222094**

Database: Water Well Records  
IL State Water Survey P #: 0  
Well Name: Bluff Rd.  
Driller: IL Division of Highways  
Elevation: 462  
Total Depth: 50  
Top of Formation (ft): 0  
Pump Flow (gal/min): 0

API #: 121192648800  
Status: Engineering Test  
Well: B-2  
Date Drilled: 2000 110  
Elevation Reference: Ground level  
Lithologic Formation: Not Reported  
Bottom of Formation (ft): 0

**B8**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**IL WELLS** **ILSG30000222095**

Database: Water Well Records  
IL State Water Survey P #: 0

API #: 121192648900  
Status: Engineering Test

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Name:	Bluff Rd.	Well:	B-1
Driller:	IL Division of Highways	Date Drilled:	2000 111
Elevation:	462	Elevation Reference:	Ground level
Total Depth:	50	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

---

**9**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**IL WELLS      ILSG30000223317**

Database:	Water Well Records	API #:	121192776200
IL State Water Survey P #:	0	Status:	Stratigraphic Test
Well Name:	Core	Well:	G-11
Driller:	IL State Geological Survey		
Date Drilled:	1973 1 1	Elevation:	575
Elevation Reference:	Topographic map	Total Depth:	35
Lithologic Formation:	Not Reported	Top of Formation (ft):	0
Bottom of Formation (ft):	0	Pump Flow (gal/min):	0

---

**10**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**IL WELLS      ILSG30000223764**

Database:	Water Well Records	API #:	121192822600
IL State Water Survey P #:	0	Status:	Engineering Test
Well Name:	Edwardsville	Well:	B-1
Driller:	SCI Engineering	Date Drilled:	2002 715
Elevation:	508	Elevation Reference:	Not Reported
Total Depth:	40	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**1**

**SE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**ILOG20000160766**

API #: 121190152400  
Well Status: Dry and Abandoned, No Shows, Plugged  
Permit #: Not Reported  
Max Depth: 2140  
Company Name: Gulf Refining Company  
Well #: 1  
Elevation Reference: DF

Date Completed: 06-SEP-42  
Permit Date: 19420815000000  
Formation: Galena  
Well Name: Stewart, Irvin  
Elevation: 575  
Logs: DL, ES, SCS, GT, ST, DTC

**2**

**SW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**ILOG20000134090**

API #: 121190036300  
Well Status: Structure Test  
Permit Date: Not Reported  
Formation: Not Reported  
Well Name: Habacek, Frank  
Elevation: 520  
Logs: Not Reported

Date Completed: 01-DEC-38  
Permit #: Not Reported  
Max Depth: 587  
Company Name: Penn-Illinois Oil & Gas Corp.  
Well #: 1  
Elevation Reference: Not Reported

**3**

**ESE**

**1/2 - 1 Mile**

**OIL\_GAS**

**ILOG20000195664**

API #: 121192852000  
Well Status: Stratigraphic Test  
Permit Date: Not Reported  
Formation: Not Reported  
Well Name: Edwardsville, City of  
Elevation: 575  
Logs: Not Reported

Date Completed: 12-OCT-04  
Permit #: Not Reported  
Max Depth: 44  
Company Name: US Geological Survey  
Well #: SIL-27A  
Elevation Reference: TM

**4**

**ESE**

**1/2 - 1 Mile**

**OIL\_GAS**

**ILOG20000191069**

API #: 121192776200  
Well Status: Stratigraphic Test  
Permit Date: Not Reported  
Formation: Not Reported  
Well Name: Core  
Elevation: 575  
Logs: Not Reported

Date Completed: 01-JAN-73  
Permit #: Not Reported  
Max Depth: 35  
Company Name: IL State Geological Survey  
Well #: G-11  
Elevation Reference: TM

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### RADON

#### AREA RADON INFORMATION

State Database: IL Radon

##### Radon Test Results

Zipcode	Result
62025	4.5
62025	3
62025	0.7
62025	1.2
62025	3.5
62025	0.8
62025	7.3
62025	0.4
62025	6
62025	2.9
62025	0.5
62025	0.7
62025	3.2
62025	2.4
62025	1.8
62025	4.8
62025	3.2
62025	2.9
62025	6.2
62025	3.7
62025	1.1
62025	2.1
62025	1
62025	6.8
62025	3.8
62025	12.9
62025	7.5
62025	4.6
62025	0.6
62025	2.2
62025	2.4
62025	2.9
62025	0.8
62025	1.4
62025	0.5
62025	1.6
62025	2.6
62025	2.1
62025	3.9
62025	1.7
62025	3.2
62025	2.7
62025	4.6
62025	3.9
62025	5.3
62025	3.8
62025	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

## RADON

### AREA RADON INFORMATION

	15.4
62025	3.4
62025	1.1
62025	1.3
62025	3.5
62025	3.3
62025	17.7
62025	1.8
62025	0.7
62025	1.6
62025	1.4
62025	7.2
62025	2.2
62025	3.7
62025	2
62025	13.2
62025	3
62025	3.8
62025	8.6
62025	7.3
62025	2.3
62025	4.1
62025	3.8
62025	3.2
62025	0.3
62025	1.5
62025	12.7
62025	2.1
62025	2.6
62025	2.3
62025	2.5
62025	1
62025	2.8
62025	2
62025	3.3
62025	2.6
62025	1.8
62025	2.4
62025	2.3
62025	1.5
62025	1.7

Federal EPA Radon Zone for MADISON 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.

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Federal Area Radon Information for Zip Code: 62025

Number of sites tested: 10

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	11.280 pCi/L	80%	10%	10%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

### State Wetlands Data: Wetland Inventory

Source: Illinois State Geological Survey

Telephone: 217-333-4747

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> 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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## **APPENDIX E CREDENTIALS**

# NICOLE AZMANOV

## GROUP MANAGER - ENVIRONMENTAL

### PROFESSIONAL EXPERIENCE

Ms. Azmanov is the due diligence group manager in Terracon's St. Louis office. She is an Environmental Professional (EP) with more than 8 years experience in the environmental industry. She supervises entry level staff and manages and prepares Phase I Environmental Site Assessments (ESAs) for commercial, multi-family, agricultural, and industrial properties. Other duties include preparing proposals, performing business development and client outreach activities, and training entry level environmental staff professionals.

### PROJECT EXPERIENCE

#### Due Diligence – Property Transactions

Nicole has prepared hundreds of Phase I ESAs on single- and multi-tenant commercial structures, automobile repair facilities, gasoline stations, commercial developments, industrial manufacturing sites, and multi-family residential structures. She has also managed Phase I ESA portfolios for local clients.

#### Due Diligence – Telecommunications Sector

Conducted Phase I ESAs for individual new build telecommunications towers, tower collocations, and building antennae collocations nationwide. Duties included site visits, historical research, information interpretation, project tracking, subcontractor relations, and report writing.

#### NEPA/SHPO Services – Telecommunications Sector

Ms. Azmanov has five years of experience conducting NEPA Reviews for existing and proposed communications towers in multiple states. NEPA responsibilities included field work, contact with federal, state, and local government agencies, coordination of Cultural Resource Investigation for historical preservation clearance, evaluating the presence/absence of wetlands, floodplains, federal land, tribal land, threatened and endangered species, and critical habitat, and report writing.

#### Asbestos and Lead-Based Paint Inspections

Ms. Azmanov has performed NESHAP, AHERA, and asbestos inspections on residential and commercial facilities in Missouri.

### Education

*Bachelor of Science, Environmental Science, Maryville University, 2011*

### Affiliations

*Missouri Botanical Gardens, Earthways Center, St. Louis, MO August 2007-Present*

*Commercial Real Estate Women (CREW) 2014-2017*

### Work History

*Terracon Consultants, Inc., Staff Professional, Aug 2013-Dec 2017; Project Manager Oct 2018-Feb 2020 Group Manager March 2020-Present*

*Trileaf Environmental, Project Scientist, May 2012-August 2013*

*TestAmerica, Inc, Earth City, MO, Analyst, August 2011-April 2012*

### Certifications

*Asbestos Building Inspector, Missouri*

*CPR/First Aid certified*

# Karen Rieken, P.E.

## SITE INVESTIGATION GROUP MANAGER

### PROFESSIONAL EXPERIENCE

Ms. Rieken is the Site Investigation Group Manager in Terracon's St. Louis, Missouri Office. She has 21 years of experience in the environmental field and has provided services to municipal, commercial and industrial clients under a variety of federal and state programs throughout the United States, United States Virgin Islands, and Canada. These include underground and leaking underground storage tanks (UST/LUST) evaluations, site remediation, Phase I ESA's as an environmental professional, Phase II assessments, NEPA, SWPP Plans, SPCC Plans, compliance audits, and remedial excavation activities including contact with state and local environmental regulatory agencies and insurance funds, and applicable permitting, including working towards closure through the risk-based assessment programs in Missouri and Illinois.

Through her work-related experience and training, Ms. Rieken has gained expertise in site investigation and remediation. She has completed numerous projects requiring the application of risk-based clean-up objectives including LUST investigations, and site remediation projects. She works closely with state and federal agencies in the application of risk-based principals as applicable programs are developed and implemented. She also has a thorough understanding of regulatory compliance issues related to the operation of industrial facilities. Her knowledge and familiarity with a variety of industrial processes and systems allow her to develop innovative solutions to meet her clients' needs.

Ms. Rieken has performed Phase I ESA, as an environmental professional, and Phase II field activities, prepared reports for client use and for submittal to state and federal agencies and corresponded with regulatory staff to move properties to closure. Ms. Rieken also provides site assessment and LUST services to commercial property owners, public and private development groups, lending institutions and others. Activities have included site assessment, risk-based evaluation and corrective action, site monitoring and reporting to achieve closure under applicable programs.

Ms. Rieken's experience includes the performance of Property Condition Assessments of commercial, multi-story office/residential, recreational, and industrial type facilities throughout Missouri, Illinois, Kansas, Indiana, Ohio, Texas, and Michigan. Her experience includes geotechnical field oversight and bore logging, construction field testing and oversight, laboratory soils testing, foundation design slope stability analysis, and subsidence investigations.

### PROJECT EXPERIENCE

#### Environmental

- § Manages personnel and provides technical oversight with reporting for construction contractors performing Illinois Department of Transportation work under Article 669 for "Removal and Disposal of Regulated Substances".
- § Manages Missouri Department of Natural Resources Targeted Brownfields Assessment contract, including review and discussion with the agency and applicant.
- § Manages Missouri Department of Natural Resources Underground Storage Tank Assessment contract, including review and discussion with the agency and applicant.
- § Manages a USEPA Brownfields Assessment Grant (\$200,000 petroleum and \$200,000 hazardous substances) for a multi-county area in Southern Illinois, including eligibility determinations, MBE/WBE reporting, quarterly USEPA reporting, QAPP, TSAPs, Phase I ESAs, and Phase II ESAs.
- § Manages, oversees, and performs evaluation for multiple Illinois and Missouri leaking underground storage tank sites.
- § Manages, oversees, and performs evaluation for Manages multiple Illinois Site Remediation Program sites and Missouri Brownfields/Voluntary Cleanup Program sites.
- § Composed the PCB Testing & Disposal Plan for EPA approval, Concrete Reuse Plan for State approval for a former automobile assembly plant in Missouri.

### EDUCATION

Bachelor of Science, Civil Engineering, Missouri, Washington University, St. Louis, MO, 1998

Continuing Education in field of Architectural Engineering Systems, Lawrence Technological University, Southfield, MI

### REGISTRATIONS

Professional Engineer: Missouri, No. 2008002203; Illinois No. 062.062769; Kansas No. 21234

### CERTIFICATIONS

OSHA 29 CFR 1910.10 40-hour Hazardous Waste Training, 8-hour refresher

Nuclear Density Gauge Safety Training  
CPR/First Aid certified

### AFFILIATIONS

American Society of Civil Engineers (ASCE)

Society of American Military Engineers (SAME)

Engineers Club of St. Louis

Commercial Real Estate Women-St. Louis (CREW)

Gateway Society of Hazardous Materials Managers (GSHMM)

Missouri Waste Control Coalition (MWCC)

Environmental Bankers Association

### WORK HISTORY

Terracon Consultants, Inc., Project Manager, 2013-Present

ATC Associates Inc., Senior Engineer 2002 - 2013

Testing Engineers & Consultants, Inc., 2002

Geotechnology, Inc., 1999-2002

- § Oversaw concrete and soil testing of on-site environmental issues uncovered during demolition process and characterization of off-site fill brought to the former automobile assembly plant in Missouri.
- § Performed Storm Water Pollution Prevention weekly inspections for construction sites in Detroit, Michigan. Inspections included detailed review of SWPP plan and inspection of outfalls and drainage pathways for erosion.
- § Composed SWPP plans and submitted required permitting documentation for sites in Illinois and Missouri.
- § Performed Phase I ESA of 60-parcel redevelopment area in the St. Louis, Missouri metropolitan area, which included industrial, commercial, and residential parcels. Directed demolition asbestos surveys and produced reports for all structures on the redevelopment area.
- § Performed Phase I ESA, Phase II ESA and Remedial Excavation/UST removal at a historical gasoline station property in St. Louis, Missouri. Phase II environmental subsurface sampling was accomplished in conjunction with geotechnical investigation and GPR survey. Ten previously unknown USTs were removed from the site during remediation activities. Project included contact with state environmental agencies and state UST insurance fund.
- § Performed Phase I ESA and Phase II ESA at a university medical and science waste consolidation facility in Detroit, Michigan. Phase II assessment included coring through building foundation, exterior subsurface investigation in vicinity of potential USTs and identifying historical waste streams, chemicals formerly stored/consolidated at the facility, and unlabelled wastes currently present at the site.
- § Performed Phase I ESA and Phase II ESA of a historical bulk oil storage facility in Sterling Heights, Michigan. Phase II assessment included soil borings, temporary monitoring wells and GPR survey.

#### **Spill Prevention and Countermeasure Control Plans**

- § Performed site reconnaissance and designed SPCC plans for automotive industry suppliers, agricultural feed companies, biofuel facilities, steel cutting and supply facilities, and coal slag reuse facilities in Michigan, Indiana, Kansas, Illinois, and Missouri.
- § Have acted as certifying engineer on SPCCs in Illinois, Missouri, and Kansas.

#### **Geotechnical / Construction Materials Testing**

- § Slope stability analysis of existing and proposed 50-, 100- and 500-year levees along the Mississippi River, the Missouri River, and the River Des Peres utilizing UTEXAS and SlopeW software.
- § Drilling oversight and direction, logging, and engineering of various shallow foundation projects throughout St. Louis, Missouri metropolitan area. Soil conditions encountered include urban rubble fill, high plastic clays, floodplain alluvium, and shallow bedrock. Created boring logs utilizing GINT software.
- § Drilling oversight and direction, logging and engineering for deep foundation design of replacement bridges in vicinity of voids and sink holes at various locations in Franklin County, Missouri.
- § Design of a tieback support system for retaining structure along lock wall and bridge abutment during replacement of the McAlpine Locks on the Ohio River in Louisville, Kentucky.
- § Geotechnical evaluation of structures undergoing subsidence in the St. Louis, metropolitan area (Missouri) due to highly expansive soils.
- § Construction observation and inspection of site earthwork grading, drilled piers, rock column piers, and shallow foundations as well as oversight and management of QA/QC technicians.

#### **Property Condition Assessments**

- § Performed property condition assessments of automobile dealerships, multi-story nursing homes, enclosed commercial shopping centers, strip commercial shopping centers, assisted living facilities, and multi-story and multi-building apartment complexes in southeastern Michigan.
- § Performed property condition assessments of self-storage facilities in Michigan and Ohio.
- § Performed property condition assessments of strip commercial shopping centers, high rise office buildings, high-rise apartment buildings, and small retail structures in Missouri and Illinois.
- § Performed property condition assessment of multi-story office buildings in Nebraska.
- § Performed property condition assessments of golf course and apartment communities in Kansas.
- § Performed property condition assessments of high-rise building in Missouri.
- § Performed property condition assessments of industrial facilities in Texas, Missouri, and Illinois.

**APPENDIX F**  
**DESCRIPTION OF TERMS AND ACRONYMS**

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report.”
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a “solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-13 as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.”

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC 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.
ILP	Innocent Landowner/Operator Program
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave'). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.
RCRA CORRACTS/TS Ds	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TS Ds	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment. De minimis conditions are not recognized environmental conditions."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.

## Description of Selected General Terms and Acronyms

Term/Acronym	Description
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-13, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>