

SECTION 009100 – ADDENDUM NO. 2

Issued to All Bid Document Holders of Record

Date: September 24, 2015
Project Name: Northwest Sewer & Outfall
Village Bid No.: VRNTL-16-B-03
Project No.: 78333

This Addendum forms a part of the Contract described above. The original Contract Documents and any prior Addenda remain in full force and effect except as modified by the following which shall take precedence over any contrary provisions in the prior documents.

The following items are attached for the Bidder's information:

- EDR Radius Map™ Report with GeoCheck®
- pH soil analysis results

PROJECT MANUAL:

1. Document 004000 - Bid Form
 - a. Revisions have been made to the Bid Form. See the attached document.
2. Section 012000 - Measurement and Payment
 - a. 1.02 Pay Items. Revisions have been made to pay items. See attached section.
3. Section 312333 - Trenching and Backfilling for Utilities
 - a. 2.01 Granular Pipe Embedment and 2.03 Trench Backfill Materials. Gradations have been revised. See attached section.
4. Section 333100 - Gravity Pipe
 - a. 2.01 Pipe Requirements. Stations have been revised. See attached section.

PLANS:

1. Drawing G003
 - a. Quantities have been revised. See attached drawing.
2. Drawing C001
 - a. Boring pit has been relocated to the north side of the railroad tracks. Outfall from Indian Hills East Pond has been revised. Manhole #1 has been relocated. See attached drawing.

QUESTIONS FROM BIDDERS:

1. At the intersection of Penfield & Cemetery Road there is a casting in the road that may be in the trench of the pipe. What is this?

SECTION 009100 – ADDENDUM NO. 2: continued

The casting appears to be abandoned. Contractor shall remove the casting if disturbed during trench excavation. Replacement is not required.

2. Can you clarify the requirements for construction the sanitary lateral through Manhole #18?

See question #15 on Addendum No. 1 and Drawing C002. The vertical and horizontal location of the lateral from the Anderson property shall be potholed by Contractor. Contractor shall provide the pothole results to Engineer and incorporate into the shop drawing for Manhole #18. Ductile Iron pipe shall be constructed through Manhole #18 and connected to the existing lateral and existing sanitary sewer at either end. The pipe penetrations in Manhole #18 shall be accomplished using a watertight flexible rubber connector conforming to ASTM C-4443 and C-923 with a stainless steel band, and mortar. No ductile iron pipe joints shall be allowed inside the manhole.

3. Is the intent to leave the banks and the existing vegetation on the banks intact and to only clean and grade the bottom to drain? The existing slope bank vegetation appears to be good grassy vegetation that has stabilized the slopes throughout the entire ditch length.

Yes. The Big Slough Drainage District requested the use of specific ditch cleaning contractors who have cleaned and dredged this ditch previously. Contact information can be found in Section 012000 of the Specifications. The Contractor shall be responsible for obtaining all permits required for performing this work. Either side of the drainage ditch used for access and equipment staging shall be restored using Class 1B seed.

4. Is it the intent to install jute matting on all Class 1B, Class 2A, and Class 3 seeding areas?

Yes. Jute netting shall be used for all seeded areas.

5. Pay Item No. 21, Pavement Removal, Full Depth states “All paved areas disturbed as a result of construction operations shall be restored as specified. This work includes all necessary saw-cutting, pavement removal, and disposal of materials.” It is appears that this approximates the quantity for the Class D patches, is that correct?

The Pavement Removal, Full Depth pay item includes all pavement indicated to be removed as part of the contract on the plans. This includes all areas where Class B or Class D patches will be used to replace the pavement. A small portion of the pavement at the southwest corner of the Penfield Street / Cemetery Road intersection shall be removed but not replaced. Any oil & chip pavement on Cemetery Road that is removed to repair failures in the pavement shall be included in the Aggregate Base Repair pay item.

SECTION 009100 – ADDENDUM NO. 2: continued

6. Any possibility of digging test holes along the route of the sewer? Would like to see how much water we are dealing with and how the soils behave in a few spots.

Bidders may obtain additional subsurface investigations if deemed necessary. The cost for additional investigations shall be borne by the bidder.

7. Will financial statements be required with the bid since this is a bonded project?

Yes. See question #9 in Addendum No. 1.

8. Will you please send any preliminary analytical data and PESA/PSI that was done, if available?

A desktop environmental evaluation was performed using available environmental database resources. No constituents of concern are expected to be present. The report and pH sample results collected at three (3) locations along the project route are attached. Burns & McDonnell will provide a certified LPC-663 form to the awarded contractor.

9. What fees will the Contractor be responsible for paying to Canadian National?

Bidders shall confirm all costs required by Canadian National. Contact information can be found at this link: <https://www.cn.ca/en/delivering-responsibly/safety/erailsafe/utility-installations>.

Each Bidder shall acknowledge receipt of this Addendum by affixing his signature below, by noting this Addendum on his Bid Form, and by attaching this Addendum to his Bid.

Burns & McDonnell Engineering Company
1431 Opus Place, Suite 400
Downers Grove, IL 60515

ACKNOWLEDGEMENT

The undersigned acknowledges receipt of this Addendum and the Bid submitted is in accordance with information, instructions and stipulations set forth herein.

Bidder: _____]

By: _____]

Date: _____]

SECTION 009100 – ADDENDUM NO. 2: continued

END OF SECTION 009100

Rantoul Northwest Sewer and Outfall

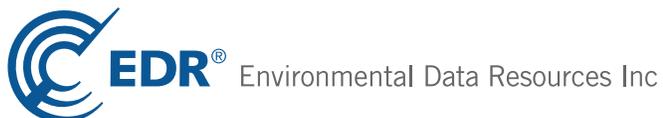
Cemetery Road/Penfield Street

Rantoul, IL 61866

Inquiry Number: 3927358.2s

April 29, 2014

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

CEMETERY ROAD/PENFIELD STREET
RANTOUL, IL 61866

COORDINATES

Latitude (North): 40.3193000 - 40° 19' 9.48"
Longitude (West): 88.1606000 - 88° 9' 38.16"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 401390.8
UTM Y (Meters): 4463633.0
Elevation: 732 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40088-C2 RANTOUL, IL
Most Recent Revision: 1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SSU..... State Sites Unit Listing

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

SWF/LF..... Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to
State Surcharge
IL NIPC..... Solid Waste Landfill Inventory
CCDD..... Clean Construction or Demolition Debris

State and tribal leaking storage tank lists

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

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
CDL..... Meth Drug Lab Site Listing
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... State spills
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems

EXECUTIVE SUMMARY

ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
UIC.....	Underground Injection Wells
NPDES.....	A Listing of Active Permits
HWAR.....	Hazard Waste Annual Report
DRYCLEANERS.....	Illinois Licensed Drycleaners
IMPDMNT.....	Surface Impoundment Inventory
AIRS.....	AIRS
TIER 2.....	Tier 2 Information Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH DOE.....	Steam-Electric Plant Operation Data
US FIN ASSUR.....	Financial Assurance Information
Financial Assurance.....	Financial Assurance Information Listing
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
EPA WATCH LIST.....	EPA WATCH LIST
PIMW.....	Potentially Infectious Medical Waste
COAL ASH.....	Coal Ash Site Listing
LEAD SMELTERS.....	Lead Smelter Sites
BOL.....	Bureau of Land Inventory Database
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
PRP.....	Potentially Responsible Parties

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

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

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

A review of the LF SPECIAL WASTE list, as provided by EDR, and dated 01/01/1990 has revealed that there is 1 LF SPECIAL WASTE site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RANTOUL MUNICIPAL LANDFILL	333 SOUTH TANNER	S 1/4 - 1/2 (0.447 mi.)	A6	12

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 12/04/2013 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ILLINI FS, INC.	315 NORTH GARRARD	SSE 1/4 - 1/2 (0.364 mi.)	3	9
AMOCO OIL CO. #16462 NFA/NFR Letter: 06/28/2006	329 NORTH CENTURY	SSE 1/4 - 1/2 (0.414 mi.)	4	9
ROESSLER CONSTRUCTION CO NFA/NFR Letter: 12/10/2009	318 S TANNER	S 1/4 - 1/2 (0.444 mi.)	A5	10
JONES, JACK	211 EAST SANGAMON AVE.	SSE 1/4 - 1/2 (0.462 mi.)	B8	14
BROWN'S INTERSTATE AMOCO #5346 NFA/NFR Letter: 09/18/2009	I-57 & RT. 136	SW 1/4 - 1/2 (0.465 mi.)	9	15
LAMBERT, STANLEY NFA/NFR Letter: 05/10/1993	GROVE & CENTURY	SSE 1/4 - 1/2 (0.487 mi.)	10	15

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 01/27/2014 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALLTEL IL INC	1500 N OHIO ST	NNE 1/8 - 1/4 (0.194 mi.)	1	8

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls.

A review of the ENG CONTROLS list, as provided by EDR, and dated 01/17/2014 has revealed that there is 1 ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONE HOUR MARTINIZING	110 SOUTH GARRARD STRESSE	1/4 - 1/2 (0.460 mi.)	B7	12

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

A review of the INST CONTROL list, as provided by EDR, and dated 01/17/2014 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONE HOUR MARTINIZING	110 SOUTH GARRARD STRESSE	1/4 - 1/2 (0.460 mi.)	B7	12

State and tribal voluntary cleanup sites

SRP: Illinois Environmental Protection Agency, Site Remediation Program Database

A review of the SRP list, as provided by EDR, and dated 01/17/2014 has revealed that there is 1 SRP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONE HOUR MARTINIZING	110 SOUTH GARRARD STRESSE	1/4 - 1/2 (0.460 mi.)	B7	12

State and tribal Brownfields sites

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

A review of the BROWNFIELDS list, as provided by EDR, and dated 01/27/2014 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ONE HOUR MARTINIZING	110 SOUTH GARRARD STRESSE	1/4 - 1/2 (0.460 mi.)	B7	12

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US Hist Auto Stat site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	211 W CAMPBELL AVE	S 1/8 - 1/4 (0.200 mi.)	2	9

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
RANTOUL EAST WWTP	BOL
RANTOUL FOODS	RMP
CHANUTE AIR FORCE BASE	SWF/LF
SARUS OIL LLC	LUST, SPILLS
BROWNS INTERSTATE AMOCO	RCRA-CESQG
RANTOUL MUNICIPAL LANDFILL	FINDS
RANTOUL EAST WWTP	FINDS
RANTOUL STP	FINDS
RANTOUL IGA FOODLINER	FINDS, AIRS
RANTOUL	FINDS
RANTOUL, VILLAGE OF	FINDS
RANTOUL SCHOOLS DIST 137	FINDS
RANTOUL STW WEST	FINDS
VILLAGE OF RANTOUL	FINDS
CHANUTE RANTOUL AFB - BLDG 54	FINDS
U.S. AIR FORCE - RANTOUL	FINDS
VILLAGE OF RANTOUL	FINDS
COLLINS & AIKMAN CORP. RANTOUL PRO	FINDS
RANTOUL YD WASTE COMPSTG SITE	FINDS
RANTOUL MUNICIPAL	FINDS

OVERVIEW MAP - 3927358.2s



 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

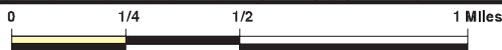
 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

 Oil & Gas pipelines from USGS

 National Wetland Inventory

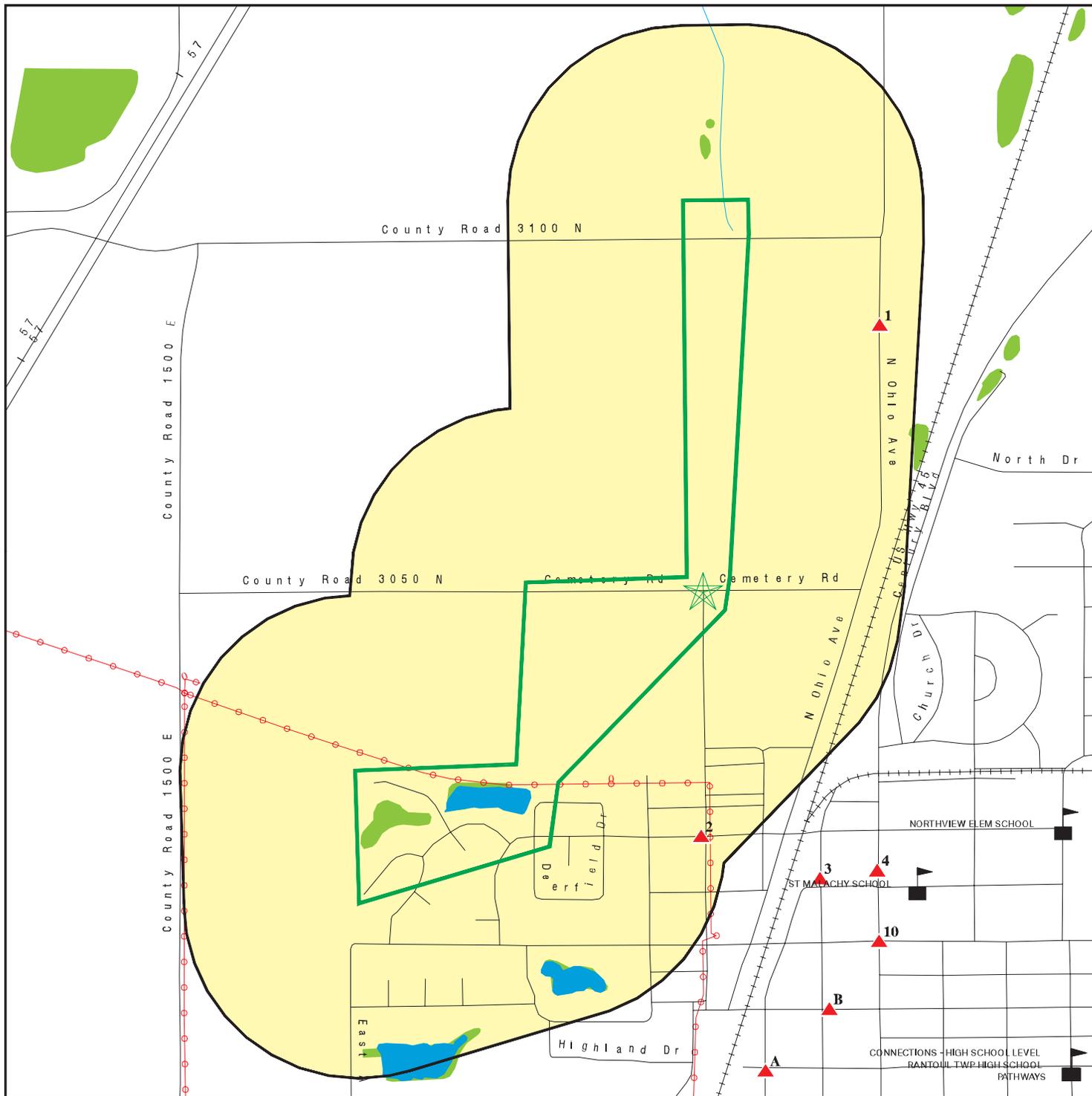


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Rantoul Northwest Sewer and Outfall
 ADDRESS: Cemetery Road/Penfield Street
 Rantoul IL 61866
 LAT/LONG: 40.3193 / 88.1606

CLIENT: Burns & McDonnell Eng. Co Inc
 CONTACT: James Patterson
 INQUIRY #: 3927358.2s
 DATE: April 29, 2014 7:56 pm

DETAIL MAP - 3927358.2s



-  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
 -  Oil & Gas pipelines from USGS
 -  National Wetland Inventory
- 0 1/8 1/4 1/2 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: Rantoul Northwest Sewer and Outfall
 ADDRESS: Cemetery Road/Penfield Street
 Rantoul IL 61866
 LAT/LONG: 40.3193 / 88.1606

CLIENT: Burns & McDonnell Eng. Co Inc
 CONTACT: James Patterson
 INQUIRY #: 3927358.2s
 DATE: April 29, 2014 7:57 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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SSU	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
LF SPECIAL WASTE	0.500		0	0	1	NR	NR	1
IL NIPC	0.500		0	0	0	NR	NR	0
CCDD	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	6	NR	NR	6

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
LUST TRUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	1	NR	NR	1
INST CONTROL	0.500		0	0	1	NR	NR	1
<i>State and tribal voluntary cleanup sites</i>								
SRP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	1	NR	NR	1
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	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
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
HWAR	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
IMPDMNT	0.500		0	0	0	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PIMW	0.250		0	0	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
BOL	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	1	NR	NR	NR	1
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST	TP		NR	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

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

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

1
NNE
1/8-1/4
0.194 mi.
1024 ft.

ALLTEL IL INC
1500 N OHIO ST
RANTOUL, IL 61866

UST U001141576
N/A

Relative:
Higher

UST:

Facility ID: 4009823
Facility Status: CLOSED
Facility Type: NONE
Owner Id: U0000409
Owner Name: Alltel II, Inc.
Owner Address: 300 North Ohio
Owner City,St,Zip: Rantoul, IL 61866

Actual:
744 ft.

Tank Number: 1
Tank Status: Removed
Tank Capacity: 300
Tank Substance: Diesel Fuel
Last Used Date: Not reported
OSFM First Notify Date: 4/1/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

Tank Number: 2
Tank Status: Removed
Tank Capacity: 2000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 4/1/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

Tank Number: 3
Tank Status: Removed
Tank Capacity: 2000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 4/1/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALLTEL IL INC (Continued)

U001141576

Self Service Permit Expire Date: Not reported
Fee Due: Not reported

2

South
1/8-1/4
0.200 mi.
1055 ft.

211 W CAMPBELL AVE
RANTOUL, IL 61866

EDR US Hist Auto Stat **1015321951**
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name: RANTOUL AUTO BODY INC
Year: 2005
Address: 211 W CAMPBELL AVE

Actual:
751 ft.

3

SSE
1/4-1/2
0.364 mi.
1921 ft.

ILLINI FS, INC.
315 NORTH GARRARD
RANTOUL, IL 61866

LUST **S104529681**
N/A

Relative:
Higher

LUST:

Incident Num: 991056
IL EPA Id: 0190655060
Product: Gasoline, Deisel
IEMA Date: 04/29/1999
Project Manager: Rothering
Project Manager Phone: (217) 785-1858
Email: Scott.Rothering@illinois.gov
PRP Name: Illini FS, Inc.
PRP Contact: Mike Pfister
PRP Address: 1509 East University Ave.
PRP City,St,Zip: Urbana, IL 61802
PRP Phone: 2173848300
Site Classification: HIGH
Section 57.5(g) Letter: 734
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 05/12/1999
45 Report Received: 06/11/1999
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported

Actual:
753 ft.

4

SSE
1/4-1/2
0.414 mi.
2187 ft.

AMOCO OIL CO. #16462
329 NORTH CENTURY
RANTOUL, IL 61866

LUST **S104527159**
N/A

Relative:
Higher

LUST:

Incident Num: 900719
IL EPA Id: 0190655021
Product: Gasoline
IEMA Date: 03/19/1990
Project Manager: Putrich
Project Manager Phone: (217) 524-4827

Actual:
751 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO OIL CO. #16462 (Continued)

S104527159

Email: Steve.Putrich@illinois.gov
PRP Name: Amoco Oil Co.
PRP Contact: Lyle Bruce
PRP Address: 28100 Torch Pkwy., 6-S
PRP City,St,Zip: Warrenville, IL 60555
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
NFA/NFR Letter: 06/28/2006
NFR Date Recorded: 07/31/2006

A5
South
1/4-1/2
0.444 mi.
2345 ft.

ROESSLER CONSTRUCTION CO
318 S TANNER
RANTOUL, IL 61866
Site 1 of 2 in cluster A

RCRA NonGen / NLR **1000860905**
FINDS **IL0000009217**
LUST

Relative:
Higher

RCRA NonGen / NLR:

Actual:
751 ft.

Date form received by agency: 07/28/2011
Facility name: ROESSLER CONSTRUCTION CO
Facility address: 318 S TANNER
RANTOUL, IL 61866
EPA ID: IL0000009217
Mailing address: PO BOX 595
RANTOUL, IL 61866
Contact: RICHARD NORMAN
Contact address: PO BOX 595
RANTOUL, IL 61866
Contact country: US
Contact telephone: (217) 893-3355
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ROECO ENTERPRISES INC
Owner/operator address: PO BOX 583
RANTOUL, IL 61866
Owner/operator country: Not reported
Owner/operator telephone: (217) 893-3357
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROESSLER CONSTRUCTION CO (Continued)

1000860905

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/27/1993
Facility name: ROESSLER CONSTRUCTION CO
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/28/2011
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005794015

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROESSLER CONSTRUCTION CO (Continued)

1000860905

LUST:

Incident Num: 970632
 IL EPA Id: 0190655038
 Product: Gasoline, Deisel
 IEMA Date: 04/15/1997
 Project Manager: Thorsen
 Project Manager Phone: (217) 558-0194
 Email: Michael.Thorsen@illinois.gov
 PRP Name: Roessler Construction Co.
 PRP Contact: Lawrence Roessler
 PRP Address: 318 1/2 South Tanner
 PRP City,St,Zip: Rantoul, IL 61866
 PRP Phone: Not reported
 Site Classification: Not reported
 Section 57.5(g) Letter: P.A.
 Date Section 57.5(g) Letter: Not reported
 Non LUST Determination Letter: Not reported
 20 Report Received: 07/16/1997
 45 Report Received: 08/19/1997
NFA/NFR Letter: 12/10/2009
 NFR Date Recorded: 12/22/2009

A6
South
1/4-1/2
0.447 mi.
2362 ft.

RANTOUL MUNICIPAL LANDFILL
333 SOUTH TANNER
RANTOUL, IL 61866

LF SPECIAL WASTE

S109597221
N/A

Site 2 of 2 in cluster A

Relative:
Higher

LF SPECIAL WASTE:

Facility Type: List A-NON-HAZARDOUS SPECIAL WASTE LANDFILLS
 Contact Name: Village of Rantoul
 Contact Telephone: 217/892 -8457
 Comments: *

Actual:
751 ft.

B7
SSE
1/4-1/2
0.460 mi.
2427 ft.

ONE HOUR MARTINIZING
110 SOUTH GARRARD STREET
RANTOUL, IL 61866

ENG CONTROLS
INST CONTROL
SRP
BROWNFIELDS

S106779081
N/A

Site 1 of 2 in cluster B

Relative:
Higher

ENGINEERING CONTROLS:

Illinois Epa Id: 0190655010
 NFR Letter: 04/16/2009
 Date NFR Recorded: 05/06/2009
 Type Of Site: Residential
 Comprehensive / Focused: Comprehensive
 Remediation Applicant Title: Mr.
 Remediation Applicant Name: Gregory Hazel
 RA Company: Village of Rantoul
 RA Address: 200 West Grove Avenue
 RA Secondary Address: Not reported
 RA City,St,Zip: Rantoul, IL 61866-
 Institutional Controls: Groundwater use restriction
 Engineered Barriers: Geomembrane barrier
 Worker Caution: True
 Acres: 1

Actual:
754 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONE HOUR MARTINIZING (Continued)

S106779081

IL INSTUTIONAL CONTROL:

Illinois EPA Id: 0190655010
NFR Letter: 04/16/2009
Date NFR Recorded: 05/06/2009
Type Of Site: Residential
Comprehensive / Focused: Comprehensive
Remediation Applicant Title: Mr.
Remediation Applicant Name: Gregory Hazel
RA Company: Village of Rantoul
RA Address: 200 West Grove Avenue
RA Secondary Address: Not reported
RA City,St,Zip: Rantoul, IL 61866-
Institutional Controls: Groundwater use restriction
Engineered Barriers: Geomembrane barrier
Worker Caution: True
Acres: 1

SRP:

IL EPA Id: 0190655010
US EPA Id: ILD114546351
Longitude: -88.15767
Latitude: 40.31011
Contact Name: Gregory Hazel
Contact Address: 200 West Grove Avenue
Contact Address2: Not reported
Contact City,St,Zip: Rantoul, IL 61866-
Contact Phone: (217) 892-2178
Date Enrolled: 12/08/2004
Point Of Contact: Jeffrey W. Menken
Consultant Company: Patrick Engineering, Inc.
Consultant Address: 300 West Edwards Street
Consultant Address2: Suite 200
Consultant City,St,Zip: Springfield, IL 62704-1907
Consultant Phone: (217) 525-7050
Proj Mgr Assigned: Guy
Sec. 4 Letter Date: Not reported
NFR Recorded: 05/06/2009
Active: False
Total Acres: 1
No Further Remediation Letter Dt: 04/16/2009
Remediation Applicant Co: Village of Rantoul
Remediation Applicant Title: Mr.
Remediation Applicant Name: Mr. Gregory Hazel
Remediation Applicant Company: Village of Rantoul
Remediation Applicant Address: 200 West Grove Avenue
Remediation Applicant Address 2: Not reported
Remediation Applicant City,St,Zip: Rantoul, IL 61866-
Illinois EPA: 0190655010
Site Name: One Hour Martinizing
NFR Letter: 2009-04-16
NFR Letter Date Recorded: 2009-05-06
Site Type: Residential
Comprehensive/Focused: Comprehensive
Institutional Controls: Groundwater use restriction
Barrier: Geomembrane barrier
Worker Caution: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ONE HOUR MARTINIZING (Continued)

S106779081

Acres: 1

IL BROWNFIELD:
MBRG Site Id: 09901
Region: 1
Planned End Use: Park/Greenspace

Detail:
Population: 13,000
Term Date: 8/2/2009
Date Agree: 8/2/2004
Grant Agreement: \$ 232477
Local Contact Name: Greg Hazel
Contact Addr: 200 West Grove Ave.
Contact Tele: (217) 892-2178

Site:
LPC Number: 0190655010
Draft NFR Issued Date: Not reported
NFR Issued: Not reported

B8
SSE
1/4-1/2
0.462 mi.
2438 ft.

JONES, JACK
211 EAST SANGAMON AVE.
RANTOUL, IL 61866
Site 2 of 2 in cluster B

LUST S104967925
N/A

Relative:
Higher
Actual:
754 ft.

LUST:
Incident Num: 20010390
IL EPA Id: 0190655011
Product: Uset Oil
IEMA Date: 03/08/2001
Project Manager: NOT ASSIGNED
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Jack Jones
PRP Contact: Not reported
PRP Address: 294 Illinois Dr.
PRP City,St,Zip: Rantoul, IL 61866
PRP Phone: 2178929127
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 03/28/2001
45 Report Received: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

9
SW
1/4-1/2
0.465 mi.
2456 ft.

BROWN'S INTERSTATE AMOCO #5346
I-57 & RT. 136
RANTOUL, IL 61866

LUST **S104525345**
N/A

Relative:
Higher

LUST:

Incident Num: 913615
IL EPA Id: 0190655028
Product: Gasoline
IEMA Date: 12/16/1991
Project Manager: Putrich
Project Manager Phone: (217) 524-4827
Email: Steve.Putrich@illinois.gov
PRP Name: Amoco Oil Co.
PRP Contact: Lyle Bruce
PRP Address: 28100 Torch Pkwy., 6-S
PRP City,St,Zip: Warrenville, IL 60555
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 03/10/1992
45 Report Received: 05/11/1992
NFA/NFR Letter: 09/18/2009
NFR Date Recorded: 10/20/2009

Actual:
754 ft.

10
SSE
1/4-1/2
0.487 mi.
2569 ft.

LAMBERT, STANLEY
GROVE & CENTURY
RANTOUL, IL

FINDS **1008144037**
LUST **N/A**
BOL

Relative:
Higher

FINDS:

Registry ID: 110018408454

Actual:
751 ft.

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

LUST:

Incident Num: 920358
IL EPA Id: 0190655029
Product: Uset Oil
IEMA Date: 02/07/1992
Project Manager: Irwin
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Stanley Lambert
PRP Contact: Not reported
PRP Address: Box 567
PRP City,St,Zip: Rantoul, IL 61866
PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Date Section 57.5(g) Letter: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAMBERT, STANLEY (Continued)

1008144037

Non LUST Determination Letter: Not reported
20 Report Received: 02/28/1992
45 Report Received: 02/17/1993
NFA/NFR Letter: 05/10/1993
NFR Date Recorded: Not reported

BOL:

Site Id: 170000425537
Inv Num: 0190655029
Interest Name: Lambert, Stanley
Interest Type: BOL
Media Code: LAND

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
RANTOUL	1006834191	RANTOUL MUNICIPAL LANDFILL	R.R. 1		FINDS
RANTOUL	S113252932	RANTOUL EAST WWTP	RTE 136 E	61866	BOL
RANTOUL	1008117697	RANTOUL EAST WWTP	RTE 136 E		FINDS
RANTOUL	1006382623	RANTOUL STP	ROUTE 136 EAST		FINDS
RANTOUL	1004480755	RANTOUL IGA FOODLINER	ROUTE 136		FINDS, AIRS
RANTOUL	1004693405	BROWNS INTERSTATE AMOCO	I57 AND RTE 136 B	61866	RCRA-CESQG
RANTOUL	1008137086	RANTOUL	PO BOX 38 - 333 S TANNER		FINDS
RANTOUL	S108045730	SARUS OIL LLC	200 CENTURY BOULEVARD	61866	LUST, SPILLS
RANTOUL	S108111003	CHANUTE AIR FORCE BASE	CES/DEEV/STOP 27	61866	SWF/LF
RANTOUL	1010035497	RANTOUL, VILLAGE OF	135 CHANDLER		FINDS
RANTOUL	1008131778	RANTOUL SCHOOLS DIST 137	MAPLEWOOD SCH EATER DR		FINDS
RANTOUL	1015860997	RANTOUL STW WEST	NW OF TOWN		FINDS
RANTOUL	1008146287	VILLAGE OF RANTOUL	EAST OF CHANUTE ST		FINDS
RANTOUL	1016381333	CHANUTE RANTOUL AFB - BLDG 54	RANTOUL AIR FORCE BASE		FINDS
RANTOUL	1015862267	U.S. AIR FORCE - RANTOUL	RANTOUL IL 61868		FINDS
RANTOUL	1008135262	VILLAGE OF RANTOUL	US RTE 136 WEST		FINDS
RANTOUL	1016089242	COLLINS & AIKMAN CORP. RANTOUL PRO	300 SHELHOUSE ROAD		FINDS
RANTOUL	1008131742	RANTOUL YD WASTE COMPSTG SITE	1800 E TOWNSHIP RD		FINDS
RANTOUL	1014475042	RANTOUL FOODS	205 TURNER ROAD	61866	RMP
RANTOUL	1008142636	RANTOUL MUNICIPAL	TWN 3200N & 1800E		FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/11/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/26/2014	Source: Department of the Navy
Date Data Arrived at EDR: 02/28/2014	Telephone: 843-820-7326
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 02/14/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SSU: State Sites Unit Listing

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

Date of Government Version: 02/03/2014	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 02/07/2014	Telephone: 217-524-4826
Date Made Active in Reports: 03/10/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF WMRC: Waste Management & Research Center Landfill Database

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

Date of Government Version: 12/31/2001	Source: Department of Natural Resources
Date Data Arrived at EDR: 10/06/2006	Telephone: 217-333-8940
Date Made Active in Reports: 11/06/2006	Last EDR Contact: 09/18/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/28/2009
	Data Release Frequency: No Update Planned

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/2012	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 01/30/2014	Telephone: 217-785-8604
Date Made Active in Reports: 03/07/2014	Last EDR Contact: 01/27/2014
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Annually

LF SPECIAL WASTE: Special Waste Site List

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

Date of Government Version: 01/01/1990	Source: Illinois EPA
Date Data Arrived at EDR: 06/17/2009	Telephone: 217-782-9288
Date Made Active in Reports: 07/15/2009	Last EDR Contact: 06/10/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

IL NIPC: Solid Waste Landfill Inventory

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

Date of Government Version: 08/01/1988	Source: Northeastern Illinois Planning Commission
Date Data Arrived at EDR: 08/01/1994	Telephone: 312-454-0400
Date Made Active in Reports: 08/12/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CCDD: Clean Construction or Demolition Debris

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

Date of Government Version: 01/27/2014	Source: Illinois EPA
Date Data Arrived at EDR: 01/28/2014	Telephone: 217-524-3300
Date Made Active in Reports: 02/10/2014	Last EDR Contact: 01/28/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 12/04/2013	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 01/28/2014	Telephone: 217-782-6762
Date Made Active in Reports: 03/06/2014	Last EDR Contact: 01/28/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

LUST TRUST: Underground Storage Tank Fund Payment Priority List

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

Date of Government Version: 01/27/2014	Source: Illinois EPA
Date Data Arrived at EDR: 01/28/2014	Telephone: 217-782-6762
Date Made Active in Reports: 03/06/2014	Last EDR Contact: 01/28/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/20/2014	Source: EPA Region 7
Date Data Arrived at EDR: 02/21/2014	Telephone: 913-551-7003
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/28/2014
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/21/2014
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/21/2013	Source: EPA Region 4
Date Data Arrived at EDR: 11/26/2013	Telephone: 404-562-8677
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 02/14/2014	Telephone: 312-886-7439
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

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

Date of Government Version: 11/06/2013	Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2013	Telephone: 206-553-2857
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/30/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/27/2014	Source: Illinois State Fire Marshal
Date Data Arrived at EDR: 01/28/2014	Telephone: 217-785-0969
Date Made Active in Reports: 03/07/2014	Last EDR Contact: 01/28/2014
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/27/2014	Last EDR Contact: 01/30/2014
Number of Days to Update: 271	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 07/29/2013	Source: EPA Region 9
Date Data Arrived at EDR: 07/30/2013	Telephone: 415-972-3368
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 129	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 07/29/2013	Source: EPA Region 8
Date Data Arrived at EDR: 08/01/2013	Telephone: 303-312-6137
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 92	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/20/2014	Source: EPA Region 7
Date Data Arrived at EDR: 02/21/2014	Telephone: 913-551-7003
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/29/2014	Source: EPA Region 6
Date Data Arrived at EDR: 01/29/2014	Telephone: 214-665-7591
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 01/27/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/13/2014	Source: EPA Region 5
Date Data Arrived at EDR: 02/14/2014	Telephone: 312-886-6136
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/21/2013	Source: EPA Region 4
Date Data Arrived at EDR: 11/26/2013	Telephone: 404-562-9424
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/15/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

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

Date of Government Version: 01/17/2014	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2014	Telephone: 217-782-6761
Date Made Active in Reports: 02/20/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Quarterly

Inst Control: Institutional Controls

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

Date of Government Version: 01/17/2014	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2014	Telephone: 217-782-6761
Date Made Active in Reports: 02/20/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

SRP: Site Remediation Program Database

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

Date of Government Version: 01/17/2014	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 01/21/2014	Telephone: 217-785-9407
Date Made Active in Reports: 02/20/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/17/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2013	Telephone: 617-918-1102
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/01/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions

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

Date of Government Version: 01/27/2014	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 01/28/2014	Telephone: 217-785-3486
Date Made Active in Reports: 03/06/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

BROWNFIELDS: Redevelopment Assessment Database

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

Date of Government Version: 01/27/2014	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 01/28/2014	Telephone: 217-524-1658
Date Made Active in Reports: 03/06/2014	Last EDR Contact: 01/28/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 03/20/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/20/2014	Telephone: 202-566-2777
Date Made Active in Reports: 04/09/2014	Last EDR Contact: 03/20/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/07/2014
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: No Update Planned

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Quarterly

CDL: Meth Drug Lab Site Listing

A listing of clandestine/meth drug lab locations.

Date of Government Version: 01/15/2014
Date Data Arrived at EDR: 01/23/2014
Date Made Active in Reports: 03/06/2014
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 217-782-5750
Last EDR Contact: 04/14/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/31/2013	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/03/2014	Telephone: 202-366-4555
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/01/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

SPILLS: State spills

A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 06/28/2013	Source: Illinois EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 217-782-3637
Date Made Active in Reports: 08/29/2013	Last EDR Contact: 04/09/2014
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/18/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/15/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 71	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/13/2014	Telephone: 312-886-6186
Date Made Active in Reports: 04/09/2014	Last EDR Contact: 03/13/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/05/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/10/2014	Telephone: 202-343-9775
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 04/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013	Source: EPA
Date Data Arrived at EDR: 02/27/2014	Telephone: (312) 353-2000
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 03/14/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/12/2013	Telephone: 202-564-8600
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Biennially

UIC: Underground Injection Wells

Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/04/2014
Number of Days to Update: 36

Source: Illinois EPA
Telephone: 217-782-9878
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 01/21/2014
Date Data Arrived at EDR: 01/22/2014
Date Made Active in Reports: 03/06/2014
Number of Days to Update: 43

Source: Illinois EPA
Telephone: 217-782-0610
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

HWAR: Hazard Waste Annual Report

Each year, Illinois hazardous-waste generators tell the Illinois EPA the amounts and kinds of hazardous waste they produced during the previous year. Generators indicate by code the types of wastes produced and the steps they took to manage these wastes. If some or all of these wastes were sent to commercial treatment, storage, and disposal facilities (TSDFs), that information and the identity of each receiving facility also are submitted. Illinois TSDFs likewise report the types and quantities of wastes received from in-state and out-of-state generators; they also report the procedures they used to manage these wastes.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 04/24/2012
Date Made Active in Reports: 05/16/2012
Number of Days to Update: 22

Source: Illinois EPA
Telephone: 217-524-3300
Last EDR Contact: 04/10/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

DRYCLEANERS: Illinois Licensed Drycleaners

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/26/2014
Date Made Active in Reports: 03/10/2014
Number of Days to Update: 12

Source: Drycleaner Environmental Response Trust Fund of Illinois
Telephone: 800-765-4041
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

IMPDMT: Surface Impoundment Inventory

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

Date of Government Version: 12/31/1980
Date Data Arrived at EDR: 03/08/2002
Date Made Active in Reports: 06/03/2002
Number of Days to Update: 87

Source: Illinois Waste Management & Research Center
Telephone: 217-333-8940
Last EDR Contact: 02/20/2002
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: AIRS

A listing of air permits and emissions information.

Date of Government Version: 09/06/2013	Source: Illinois EPA
Date Data Arrived at EDR: 09/06/2013	Telephone: 217-557-0314
Date Made Active in Reports: 10/18/2013	Last EDR Contact: 04/07/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2013	Source: Illinois Emergency Management Agency
Date Data Arrived at EDR: 02/18/2014	Telephone: 217-785-9860
Date Made Active in Reports: 03/10/2014	Last EDR Contact: 02/18/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/18/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/21/2014
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/04/2014
	Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 02/14/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/26/2014
	Data Release Frequency: Varies

COAL ASH: Coal Ash Site Listing

A listing of coal ash site locations.

Date of Government Version: 10/01/2011	Source: Illinois EPA
Date Data Arrived at EDR: 03/09/2012	Telephone: 217-782-1654
Date Made Active in Reports: 04/10/2012	Last EDR Contact: 03/07/2014
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/16/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2013	Telephone: 703-603-8787
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

BOL: Bureau of Land Inventory Database

Bureau of Land inventory for facility information. Data results are cross-linked with all on-line database system applications from IEPA - Bureau of Land as well as USEPA FRS database.

Date of Government Version: 03/04/2014	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 03/06/2014	Telephone: 217-785-9407
Date Made Active in Reports: 04/03/2014	Last EDR Contact: 03/03/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/16/2014
	Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/18/2014
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-5962
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 03/31/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

PIMW: Potentially Infectious Medical Waste

Potentially Infectious Medical Waste (PIMW) is waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals.

Date of Government Version: 03/12/2014
Date Data Arrived at EDR: 03/28/2014
Date Made Active in Reports: 04/03/2014
Number of Days to Update: 6

Source: Illinois EPA
Telephone: 217-524-3289
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

Financial Assurance: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/26/2013
Number of Days to Update: 49

Source: Illinois Environmental Protection Agency
Telephone: 217-782-9887
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/30/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2013	Telephone: 617-520-3000
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 02/10/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 05/26/2014
	Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A	Source: N/A
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A	Source: N/A
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Illinois.

Date of Government Version: N/A	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/07/2014
Date Made Active in Reports: 03/31/2014
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012

Date Data Arrived at EDR: 08/09/2013

Date Made Active in Reports: 09/27/2013

Number of Days to Update: 49

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/17/2014

Next Scheduled EDR Contact: 06/30/2014

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Homes & Centers Listing

Source: Department of Children & Family Services

Telephone: 312-814-4150

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

RANTOUL NORTHWEST SEWER AND OUTFALL
CEMETERY ROAD/PENFIELD STREET
RANTOUL, IL 61866

TARGET PROPERTY COORDINATES

Latitude (North):	40.3193 - 40° 19' 9.48"
Longitude (West):	88.1606 - 88° 9' 38.16"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	401390.8
UTM Y (Meters):	4463633.0
Elevation:	732 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40088-C2 RANTOUL, IL
Most Recent Revision:	1984

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 principal 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).

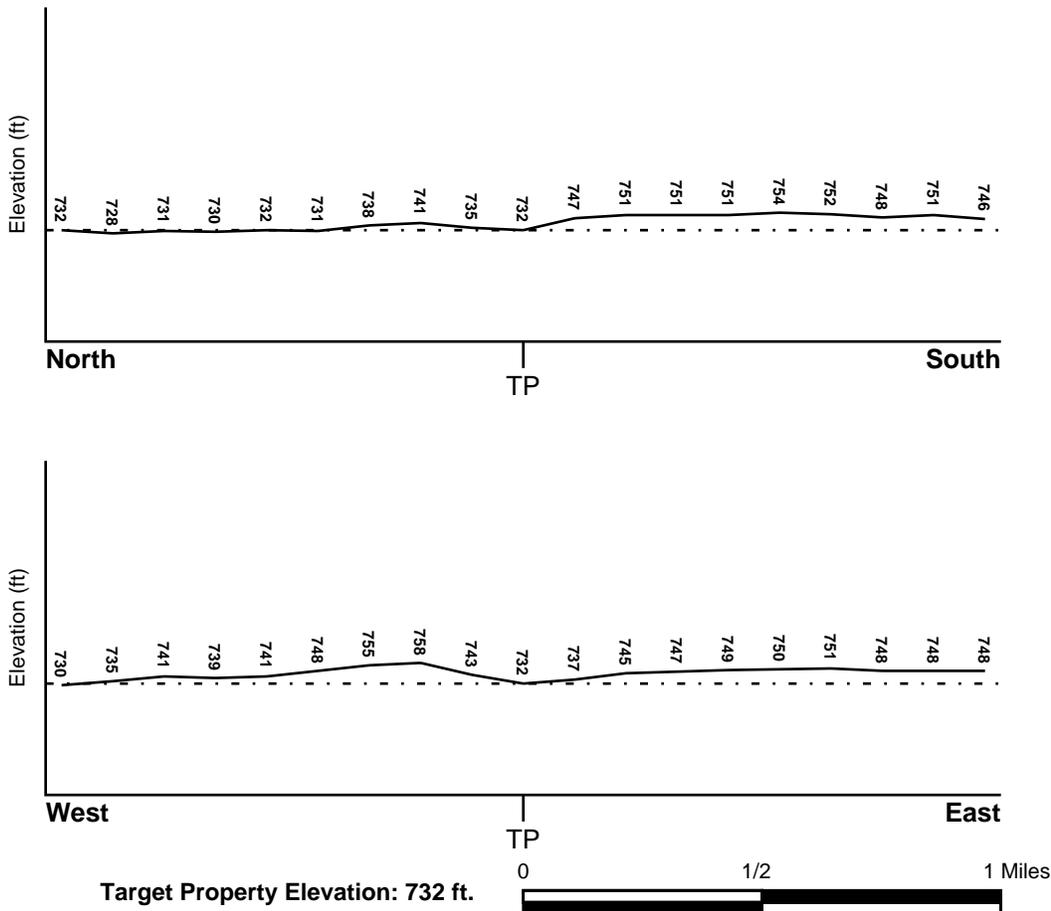
TOPOGRAPHIC INFORMATION

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 NE

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>Target Property County</u>	<u>FEMA Flood</u>
CHAMPAIGN, IL	<u>Electronic Data</u>
	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
RANTOUL	<u>Data Coverage</u>
	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</u>	<u>GENERAL DIRECTION</u>
<u>FROM TP</u>	<u>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

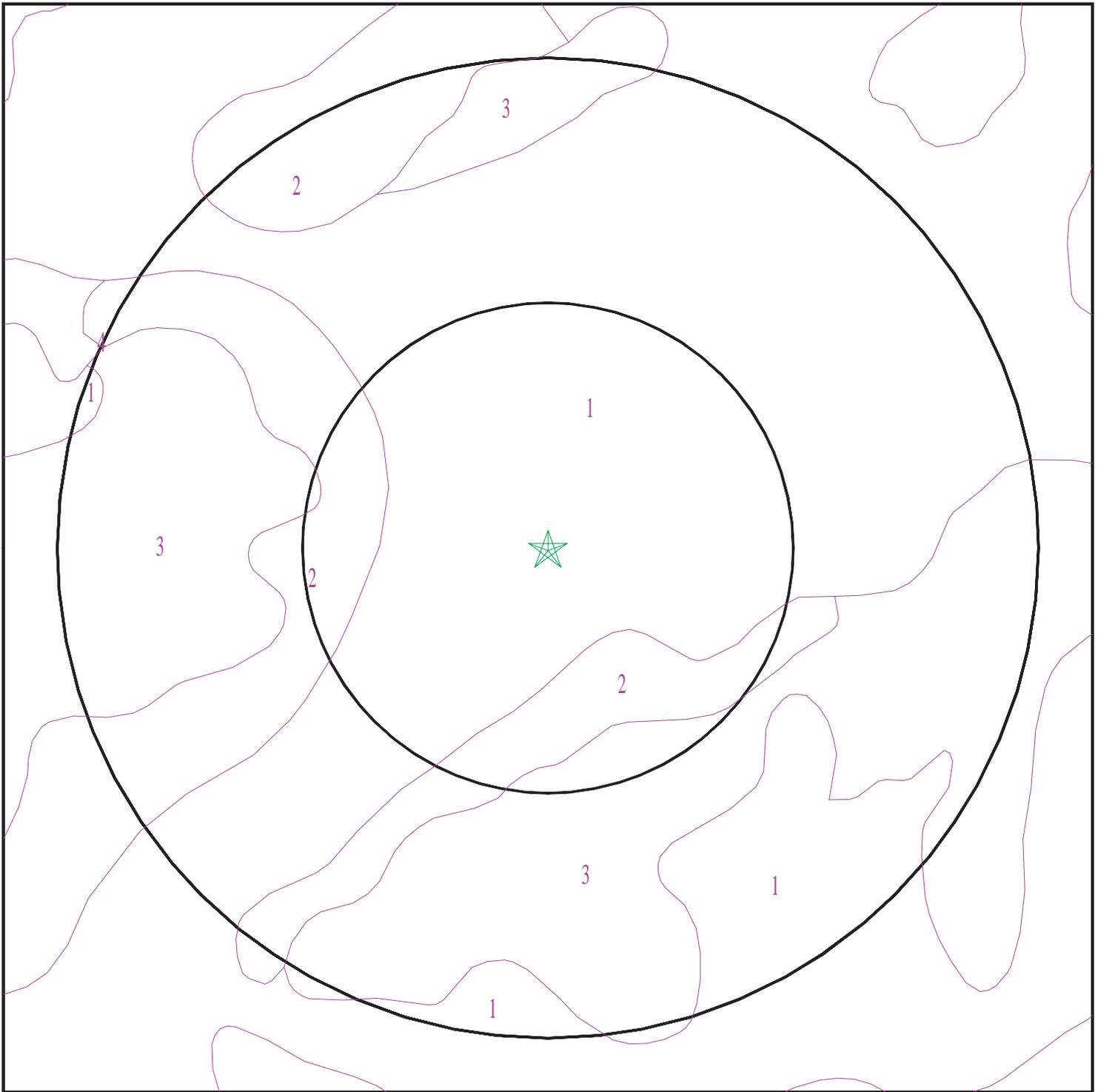
Era: Paleozoic
System: Mississippian
Series: Osagean and Kinderhookian Series
Code: M1 (*decoded above as Era, System & Series*)

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 - 3927358.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Rantoul Northwest Sewer and Outfall
ADDRESS: Cemetery Road/Penfield Street
Rantoul IL 61866
LAT/LONG: 40.3193 / 88.1606

CLIENT: Burns & McDonnell Eng. Co Inc
CONTACT: James Patterson
INQUIRY #: 3927358.2s
DATE: April 29, 2014 7:58 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: Drummer

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 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	14 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 Soils.	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
2	14 inches	40 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 Soils.	Max: 14.11 Min: 4.23	Max: 7.3 Min: 6.1
3	40 inches	46 inches	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 Soils.	Max: 14.11 Min: 4.23	Max: 7.8 Min: 6.6
4	46 inches	59 inches	stratified loam to sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Wyanet

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: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 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	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
2	7 inches	25 inches	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: 5.6
3	25 inches	33 inches	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
4	33 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Raub

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: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 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	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
2	18 inches	31 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: 6.5 Min: 5.1
3	31 inches	50 inches	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: 6.1
4	50 inches	79 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: Wyanet

Soil Surface Texture:
 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: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 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	27 inches	31 inches		Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 7.8 Min: 6.6
2	0 inches	9 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
3	9 inches	27 inches		Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
4	31 inches	79 inches		Not reported	Not reported	Max: 4.23 Min: 1.41	Max: 8.4 Min: 7.4

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B5	USGS40000296304	1/4 - 1/2 Mile SSE
B8	USGS40000296300	1/4 - 1/2 Mile South
C11	USGS40000296296	1/4 - 1/2 Mile South
C15	USGS40000296295	1/4 - 1/2 Mile South
E20	USGS40000296291	1/2 - 1 Mile SSW
E21	USGS40000296292	1/2 - 1 Mile SSW
E22	USGS40000296293	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

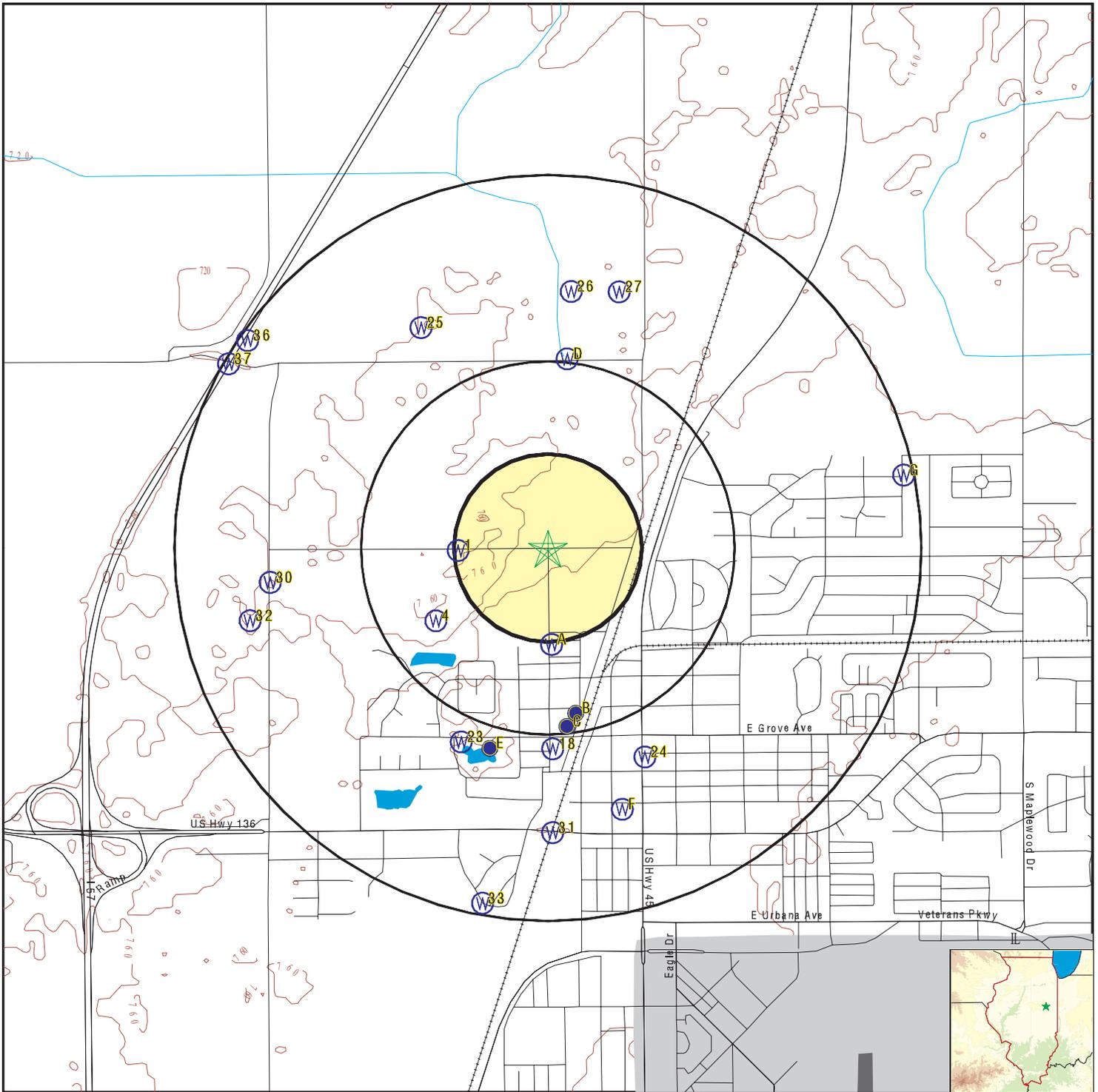
MAP ID	WELL ID	LOCATION FROM TP
B12	IL0190650	1/4 - 1/2 Mile South

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ILSG20000104753	1/8 - 1/4 Mile West
A2	ILSG20000104629	1/4 - 1/2 Mile South
A3	ILSG20000104630	1/4 - 1/2 Mile South
4	ILSG20000104659	1/4 - 1/2 Mile WSW
B6	ILSG20000104508	1/4 - 1/2 Mile SSE
B7	ILEP20000001865	1/4 - 1/2 Mile South
B9	ILEP20000001861	1/4 - 1/2 Mile South
B10	ILEP20000001862	1/4 - 1/2 Mile South
C13	ILSG20000104448	1/4 - 1/2 Mile South
C14	ILSG20000104437	1/4 - 1/2 Mile South
D16	ILSG20000105054	1/2 - 1 Mile North
D17	ILSG20000105055	1/2 - 1 Mile North
18	ILSG20000104371	1/2 - 1 Mile South
E19	ILEP20000001854	1/2 - 1 Mile SSW
23	ILEP20000001857	1/2 - 1 Mile SSW
24	ILSG20000104354	1/2 - 1 Mile SSE
25	ILSG20000105109	1/2 - 1 Mile NNW
26	ILSG20000105163	1/2 - 1 Mile North
27	ILSG20000105161	1/2 - 1 Mile NNE
F28	ILSG20000104228	1/2 - 1 Mile SSE
F29	ILSG20000104229	1/2 - 1 Mile SSE
30	ILSG20000104713	1/2 - 1 Mile West
31	ILSG20000104174	1/2 - 1 Mile South
32	ILSG20000104660	1/2 - 1 Mile WSW
33	ILSG20000103989	1/2 - 1 Mile South
G34	ILSG20000104875	1/2 - 1 Mile ENE
G35	ILSG20000104876	1/2 - 1 Mile ENE
36	ILSG20000105082	1/2 - 1 Mile NW
37	ILSG20000105043	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 3927358.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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

SITE NAME: Rantoul Northwest Sewer and Outfall
 ADDRESS: Cemetery Road/Penfield Street
 Rantoul IL 61866
 LAT/LONG: 40.3193 / 88.1606

CLIENT: Burns & McDonnell Eng. Co Inc
 CONTACT: James Patterson
 INQUIRY #: 3927358.2s
 DATE: April 29, 2014 7:58 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1

West
1/8 - 1/4 Mile
Higher

IL WELLS ILSG20000104753

Pt api number:	120192448700	Pt status:	WTST
Pt longitude:	-88.165147		
Pt latitude:	40.319201		
Api number:	120192448700		
Longitude :	-88.165147		
Latitude :	40.319201		
Section:	34	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Rantoul City
Farm num:	8	Company name:	owner
Status:	Water Well Test Hole	Elevation:	0
Elevref:	Not Reported	Total depth:	140
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

A2

South
1/4 - 1/2 Mile
Higher

IL WELLS ILSG20000104629

Pt api number:	120190056400	Pt status:	WATER
Pt longitude:	-88.160408		
Pt latitude:	40.315549		
Api number:	120190056400		
Longitude :	-88.160408		
Latitude :	40.315549		
Section:	34	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Rantoul City Well
Farm num:	5	Company name:	owner
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	293
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

A3

South
1/4 - 1/2 Mile
Higher

IL WELLS ILSG20000104630

Pt api number:	120192448600	Pt status:	WTST
Pt longitude:	-88.160408		
Pt latitude:	40.315549		
Api number:	120192448600		
Longitude :	-88.160408		
Latitude :	40.315549		
Section:	34	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Rantoul
Farm num:	1-54	Company name:	owner

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Status:	Water Well Test Hole	Elevation:	0
Elevref:	Not Reported	Total depth:	0
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

4

WSW
1/4 - 1/2 Mile
Higher

IL WELLS **ILSG20000104659**

Pt api number:	120192395200	Pt status:	WATER
Pt longitude:	-88.166277		
Pt latitude:	40.316471		
Api number:	120192395200		
Longitude :	-88.166277		
Latitude :	40.316471		
Section:	34	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Combs, David
Farm num:	2	Company name:	Beck, Harold F. Jr.
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	110
Wformation:	sand	Wfmfrom:	95
Wfmto:	110	Pumpgpm:	15

B5

SSE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000296304**

Org. Identifier:	USGS-IL		
Formal name:	USGS Illinois Water Science Center		
Monloc Identifier:	USGS-401848088093201		
Monloc name:	22N 9E-34.2a2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	07130006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.3133672
Longitude:	-88.1589342	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	752
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1950	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	150
Wellholedepth units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1951-05-03		70

**B6
SSE
1/4 - 1/2 Mile
Higher**

IL WELLS ILSG20000104508

Pt api number:	120192554100	Pt status:	WATER
Pt longitude:	-88.15888		
Pt latitude:	40.313247		
Api number:	120192554100		
Longitude :	-88.15888		
Latitude :	40.313247		
Section:	34	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Rantoul, Village
Farm num:	4	Company name:	Bolinger
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	150
Wformation:	sand & gravel	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	350

**B7
South
1/4 - 1/2 Mile
Higher**

IL WELLS ILEP20000001865

Well id:	45053		
X coord:	-88.15914		
Y coord:	40.31296		
Fac name:	Not Reported	Facility n:	Not Reported
Addr one t:	Not Reported		
Addr two t:	Not Reported		
City name:	Not Reported	State code:	Not Reported
Zip code:	Not Reported	Fips cd:	Not Reported
Prn cnty:	Not Reported	Status cd:	Not Reported
Fed type c:	Not Reported	B name:	Not Reported
Pop cnt:	0		
Lat dec de:	0		
Long dec d:	0		
Meridian:	Not Reported	Township:	Not Reported
Range:	Not Reported	Section:	Not Reported
Updt ts:	30-DEC-99	W cws num:	0190650
W cws name:	RANTOUL	W status:	B
W suscept:	E	W policy:	C
W min setb:	0		
W d depth:	137		
W aquifer:	0909		
Amb well:	0		
Pws status:	A	Sdwis well:	WL45053
Sys number:	IL0190650	Api:	120192553900

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B8
South
1/4 - 1/2 Mile
Higher

FED USGS USGS40000296300

Org. Identifier:	USGS-IL		
Formal name:	USGS Illinois Water Science Center		
Monloc Identifier:	USGS-401846088093301		
Monloc name:	22N 9E-34.2a3		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	07130006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.3128116
Longitude:	-88.159212	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	758
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Quaternary System		
Aquifer type:	Not Reported		
Construction date:	1963	Welldepth:	291
Welldepth units:	ft	Wellholedepth:	291
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

B9
South
1/4 - 1/2 Mile
Higher

IL WELLS ILEP2000001861

Well id:	45056		
X coord:	-88.15978		
Y coord:	40.31262		
Fac name:	Not Reported	Facility n:	Not Reported
Addr one t:	Not Reported		
Addr two t:	Not Reported		
City name:	Not Reported	State code:	Not Reported
Zip code:	Not Reported	Fips cd:	Not Reported
Prn cnty:	Not Reported	Status cd:	Not Reported
Fed type c:	Not Reported	B name:	Not Reported
Pop cnt:	0		
Lat dec de:	0		
Long dec d:	0		
Meridian:	Not Reported	Township:	Not Reported
Range:	Not Reported	Section:	Not Reported
Updt ts:	30-DEC-99	W cws num:	0190650
W cws name:	RANTOUL	W status:	B
W suscept:	E	W policy:	C
W min setb:	0		
W d depth:	142		
W aquifer:	1212		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Amb well:	0	Sdwis well:	WL45056
Pws status:	A	Api:	120190056400
Sys number:	IL0190650		

B10
South
1/4 - 1/2 Mile
Higher

IL WELLS ILEP2000001862

Well id:	45055		
X coord:	-88.1594		
Y coord:	40.31263		
Fac name:	Not Reported	Facility n:	Not Reported
Addr one t:	Not Reported		
Addr two t:	Not Reported		
City name:	Not Reported	State code:	Not Reported
Zip code:	Not Reported	Fips cd:	Not Reported
Prn cnty:	Not Reported	Status cd:	Not Reported
Fed type c:	Not Reported	B name:	Not Reported
Pop cnt:	0		
Lat dec de:	0		
Long dec d:	0		
Meridian:	Not Reported	Township:	Not Reported
Range:	Not Reported	Section:	Not Reported
Updt ts:	30-DEC-99	W cws num:	0190650
W cws name:	RANTOUL	W status:	A
W suscept:	E	W policy:	C
W min setb:	200		
W d depth:	291		
W aquifer:	1212		
Amb well:	0		
Pws status:	A	Sdwis well:	WL45055
Sys number:	IL0190650	Api:	120192554000

C11
South
1/4 - 1/2 Mile
Higher

FED USGS USGS40000296296

Org. Identifier:	USGS-IL		
Formal name:	USGS Illinois Water Science Center		
Monloc Identifier:	USGS-401845088093501		
Monloc name:	22N 9E-34.2a1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	07120003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.3125339
Longitude:	-88.1597676	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	750
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Quaternary System		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	137
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**B12
South
1/4 - 1/2 Mile
Higher**

FRDS PWS IL0190650

Pwsid:	IL0190650	Epa region:	05
State:	IL	County:	Champaign
Pws name:	RANTOUL		
Population Served:	13000	Pwssvconn:	3500
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	31567		
Facility name:	SAMPLING POINT FOR SEVERAL WELLS		
Facility type:	Sampling_station	Treatment process:	lime - soda ash addition
Treatment objective:	softening (hardness removal)		
Contact name:	WILLIAMS, NEAL		
Original name:	WILLIAMS, NEAL		
Contact phone:	217-893-1661	Contact address1:	VILLAGE HALL
Contact address2:	PO BOX 38 - 333 S TANNER		
Contact city:	RANTOUL		
Contact zip:	61866		
Facility id:	31568		
Facility name:	TP 02-TAP 02		
Facility type:	Transmission_main	Treatment process:	lime - soda ash addition
Treatment objective:	softening (hardness removal)		
Facility id:	10877		
Facility name:	DISTRIBUTION ELEVATED STORAGE		
Facility type:	Storage	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	14625		
Facility name:	TP 01-WATER PLANT		
Facility type:	Treatment_plant	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21151		
Facility name:	WELL 3 IS SOUTH OF CENTER OF PLANT		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21152		
Facility name:	WELL 4 NE OF PLANT SEALED AND ABANDONED		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	21153		
Facility name:	WELL 5 IS OFF SE CORNER OF PLANT		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21154		
Facility name:	WELL 6 IS OF NE CORNER OF PLANT		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21155		
Facility name:	WELL 7 EAST WELL OF 2 AT PARK		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21156		
Facility name:	WELL 8 WEST WELL OF 2 AT PARK		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21355		
Facility name:	WELL 9 IS OLD CAFB WELL 2A AT BLDG 702		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21356		
Facility name:	WELL 10 IS OLD CAFB WELL B1 AT BLDG 712		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21357		
Facility name:	WELL 11 IS OLD CAFB WELL B2 AT BLDG 716		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21358		
Facility name:	WELL 12 IS OLD CAFB WELL B3 AT BLDG 64		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21359		
Facility name:	WELL 13 IS OLD CAFB WELL B4 AT BLDG 59		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	23198		
Facility name:	RANTOUL		
Facility type:	Distribution_system_zone	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	26857		
Facility name:	GENERIC FINISHED SAMPLING STATION		
Facility type:	Sampling_station	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	29279		
Facility name:	GENERIC RAW SAMPLING STATION		
Facility type:	Sampling_station	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	31567		
Facility name:	SAMPLING POINT FOR SEVERAL WELLS		
Facility type:	Sampling_station	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	31568		
Facility name:	TP 02-TAP 02		
Facility type:	Transmission_main	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	10877		
Facility name:	DISTRIBUTION ELEVATED STORAGE		
Facility type:	Storage	Treatment process:	sequestration
Treatment objective:	softening (hardness removal)		
Facility id:	14625		
Facility name:	TP 01-WATER PLANT		
Facility type:	Treatment_plant	Treatment process:	sequestration
Treatment objective:	softening (hardness removal)		
Facility id:	21151		
Facility name:	WELL 3 IS SOUTH OF CENTER OF PLANT		
Facility type:	Well	Treatment process:	sequestration
Treatment objective:	softening (hardness removal)		
Facility id:	21152		
Facility name:	WELL 4 NE OF PLANT SEALED AND ABANDONED		
Facility type:	Well	Treatment process:	sequestration
Treatment objective:	softening (hardness removal)		
Facility id:	21153		
Facility name:	WELL 5 IS OFF SE CORNER OF PLANT		
Facility type:	Well	Treatment process:	sequestration
Treatment objective:	softening (hardness removal)		
Facility id:	21154		
Facility name:	WELL 6 IS OF NE CORNER OF PLANT		
Facility type:	Well	Treatment process:	sequestration
Treatment objective:	softening (hardness removal)		
Facility id:	21155		
Facility name:	WELL 7 EAST WELL OF 2 AT PARK		
Facility type:	Well	Treatment process:	sequestration
Treatment objective:	softening (hardness removal)		
Facility id:	21355		
Facility name:	WELL 9 IS OLD CAFB WELL 2A AT BLDG 702		
Facility type:	Well	Treatment process:	sequestration
Treatment objective:	iron removal		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	21356		
Facility name:	WELL 10 IS OLD CAFB WELL B1 AT BLDG 712		
Facility type:	Well	Treatment process:	sequestration
Treatment objective:	iron removal		
Facility id:	10877		
Facility name:	DISTRIBUTION ELEVATED STORAGE		
Facility type:	Storage	Treatment process:	inhibitor, polyphosphate
Treatment objective:	corrosion control		
Facility id:	21356		
Facility name:	WELL 10 IS OLD CAFB WELL B1 AT BLDG 712		
Facility type:	Well	Treatment process:	sequestration
Treatment objective:	corrosion control		
Facility id:	21357		
Facility name:	WELL 11 IS OLD CAFB WELL B2 AT BLDG 716		
Facility type:	Well	Treatment process:	sequestration
Treatment objective:	corrosion control		
Facility id:	14625		
Facility name:	TP 01-WATER PLANT		
Facility type:	Treatment_plant	Treatment process:	filtration, rapid sand
Treatment objective:	particulate removal		
Facility id:	21357		
Facility name:	WELL 11 IS OLD CAFB WELL B2 AT BLDG 716		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	particulate removal		
Facility id:	21358		
Facility name:	WELL 12 IS OLD CAFB WELL B3 AT BLDG 64		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	particulate removal		
Facility id:	21359		
Facility name:	WELL 13 IS OLD CAFB WELL B4 AT BLDG 59		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	particulate removal		
Facility id:	23198		
Facility name:	RANTOUL		
Facility type:	Distribution_system_zone	Treatment process:	coagulation
Treatment objective:	particulate removal		
Facility id:	14625		
Facility name:	TP 01-WATER PLANT		
Facility type:	Treatment_plant	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21151		
Facility name:	WELL 3 IS SOUTH OF CENTER OF PLANT		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	21152		
Facility name:	WELL 4 NE OF PLANT SEALED AND ABANDONED		
Facility type:	Well	Treatment process:	coagulation
Treatment objective:	softening (hardness removal)		
Facility id:	21356		
Facility name:	WELL 10 IS OLD CAFB WELL B1 AT BLDG 712		
Facility type:	Well	Treatment process:	filtration, rapid sand
Treatment objective:	softening (hardness removal)		
Facility id:	21357		
Facility name:	WELL 11 IS OLD CAFB WELL B2 AT BLDG 716		
Facility type:	Well	Treatment process:	filtration, rapid sand
Treatment objective:	softening (hardness removal)		
Facility id:	21358		
Facility name:	WELL 12 IS OLD CAFB WELL B3 AT BLDG 64		
Facility type:	Well	Treatment process:	filtration, rapid sand
Treatment objective:	softening (hardness removal)		
Facility id:	21359		
Facility name:	WELL 13 IS OLD CAFB WELL B4 AT BLDG 59		
Facility type:	Well	Treatment process:	filtration, rapid sand
Treatment objective:	softening (hardness removal)		
Facility id:	21154		
Facility name:	WELL 6 IS OF NE CORNER OF PLANT		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		
Facility id:	21155		
Facility name:	WELL 7 EAST WELL OF 2 AT PARK		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		
Facility id:	21156		
Facility name:	WELL 8 WEST WELL OF 2 AT PARK		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		
Facility id:	29279		
Facility name:	GENERIC RAW SAMPLING STATION		
Facility type:	Sampling_station	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Facility id:	31567		
Facility name:	SAMPLING POINT FOR SEVERAL WELLS		
Facility type:	Sampling_station	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		
Facility id:	31568		
Facility name:	TP 02-TAP 02		
Facility type:	Transmission_main	Treatment process:	gaseous chlorination, pre
Treatment objective:	disinfection		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS ID: IL0190650
 Date Initiated: Not Reported Date Deactivated: Not Reported
 PWS Name: RANTOUL
 RANTOUL, IL 61866

Addressee / Facility: Not Reported

Facility Latitude:	40 18 29.0000	Facility Longitude:	88 9 38.0000
Facility Latitude:	40 18 45.0000	Facility Longitude:	88 9 32.0000
Facility Latitude:	40 18 41.0000	Facility Longitude:	88 9 54.0000
City Served:	RANTOUL		
Treatment Class:	Treated	Population:	13000

Violations information not reported.

C13
South
1/4 - 1/2 Mile
Higher

IL WELLS ILSG20000104448

Pt api number:	120192553900	Pt status:	WATER
Pt longitude:	-88.159787		
Pt latitude:	40.31241		
Api number:	120192553900		
Longitude :	-88.159787		
Latitude :	40.31241		
Section:	34	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Rantoul, originally well 7
Farm num:	3	Company name:	J. Bolinger & Sons
Status:	Water Well	Elevation:	752
Elevref:	Not Reported	Total depth:	137
Wformation:	sand & gravel	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	445

C14
South
1/4 - 1/2 Mile
Higher

IL WELLS ILSG20000104437

Pt api number:	120192554000	Pt status:	WATER
Pt longitude:	-88.159479		
Pt latitude:	40.312285		
Api number:	120192554000		
Longitude :	-88.159479		
Latitude :	40.312285		
Section:	34	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Rantoul, Village
Farm num:	5	Company name:	John Boten
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	138
Wformation:	sand & gravel	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C15
South
1/4 - 1/2 Mile
Higher

FED USGS USGS40000296295

Org. Identifier:	USGS-IL		
Formal name:	USGS Illinois Water Science Center		
Monloc Identifier:	USGS-401844088093401		
Monloc name:	22N 9E-34.2a4		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	07130006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.3122561
Longitude:	-88.1594898	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	758
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Quaternary System		
Aquifer type:	Not Reported		
Construction date:	196405	Welldepth:	142
Welldepth units:	ft	Wellholedepth:	142
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

D16
North
1/2 - 1 Mile
Lower

IL WELLS ILSG20000105054

Pt api number:	120192678000	Pt status:	ENG
Pt longitude:	-88.15965		
Pt latitude:	40.326646		
Api number:	120192678000		
Longitude :	-88.15965		
Latitude :	40.326646		
Section:	27	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Ludlow Rd. District Bridge
Farm num:	B-2	Company name:	Frauenhoffer & Associates
Status:	Engineering Test	Elevation:	730
Elevref:	LD	Total depth:	43
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

D17
North
1/2 - 1 Mile
Lower

IL WELLS ILSG20000105055

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pt api number:	120192677900	Pt status:	ENG
Pt longitude:	-88.159589		
Pt latitude:	40.326647		
Api number:	120192677900		
Longitude :	-88.159589		
Latitude :	40.326647		
Section:	27	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Ludlow Rd. District Bridge
Farm num:	B-1	Company name:	Frauenhoffer & Associates
Status:	Engineering Test	Elevation:	733
Elevref:	LD	Total depth:	43
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

**18
South
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000104371

Pt api number:	120192206000	Pt status:	WATER
Pt longitude:	-88.160352		
Pt latitude:	40.311495		
Api number:	120192206000		
Longitude :	-88.160352		
Latitude :	40.311495		
Section:	3	Twp:	21
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Rantoul, Village of
Farm num:	8	Company name:	owner
Status:	Water Well	Elevation:	735
Elevref:	Ground level	Total depth:	280
Wformation:	drift	Wfmfrom:	235
Wfmto:	280	Pumpgpm:	980

**E19
SSW
1/2 - 1 Mile
Higher**

IL WELLS ILEP20000001854

Well id:	45057		
X coord:	-88.16346		
Y coord:	40.31154		
Fac name:	Not Reported	Facility n:	Not Reported
Addr one t:	Not Reported		
Addr two t:	Not Reported		
City name:	Not Reported	State code:	Not Reported
Zip code:	Not Reported	Fips cd:	Not Reported
Prn cnty:	Not Reported	Status cd:	Not Reported
Fed type c:	Not Reported	B name:	Not Reported
Pop cnt:	0		
Lat dec de:	0		
Long dec d:	0		
Meridian:	Not Reported	Township:	Not Reported
Range:	Not Reported	Section:	Not Reported
Updt ts:	30-DEC-99	W cws num:	0190650
W cws name:	RANTOUL	W status:	A
W suscept:	E	W policy:	C
W min setb:	200		
W d depth:	279		
W aquifer:	1212		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Amb well: 0
 Pws status: A Sdwis well: WL45057
 Sys number: IL0190650 Api: 120190125400

E20
SSW
1/2 - 1 Mile
Higher

FED USGS USGS40000296291

Org. Identifier: USGS-IL
 Formal name: USGS Illinois Water Science Center
 Monloc Identifier: USGS-401841088094701
 Monloc name: 21N 9E- 3.3h
 Monloc type: Well
 Monloc desc: r
 Huc code: 07130006 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: 40.3114227
 Longitude: -88.1631011 Sourcemap scale: 24000
 Horiz Acc measure: 5 Horiz Acc measure units: seconds
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83 Vert measure val: 740.00
 Vert measure units: feet Vertacc measure val: 2.5
 Vert accmeasure units: feet
 Vertcollection method: Interpolated from topographic map
 Vert coord refsys: NGVD29 Countrycode: US
 Aquifername: Sand and gravel aquifers (glaciated regions)
 Formation type: Quaternary System
 Aquifer type: Not Reported
 Construction date: 19701201 Welldepth: 279
 Welldepth units: ft Wellholedepth: 281
 Wellholedepth units: ft

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1970-12-23	75	

E21
SSW
1/2 - 1 Mile
Higher

FED USGS USGS40000296292

Org. Identifier: USGS-IL
 Formal name: USGS Illinois Water Science Center
 Monloc Identifier: USGS-401841088094709
 Monloc name: 21N9E-3.3h9
 Monloc type: Well
 Monloc desc: MAHOMET AQUIFER CWS-Finished water 401841088094701
 Huc code: 07130006 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: 40.3114227
 Longitude: -88.1631011 Sourcemap scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	740
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Quaternary System		
Aquifer type:	Confined single aquifer		
Construction date:	19701201	Welldepth:	279
Welldepth units:	ft	Wellholedepth:	281
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**E22
SSW
1/2 - 1 Mile
Higher**

FED USGS USGS40000296293

Org. Identifier:	USGS-IL		
Formal name:	USGS Illinois Water Science Center		
Monloc Identifier:	USGS-401842088095201		
Monloc name:	21N 9E- 3.4h1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	07130006	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.3117005
Longitude:	-88.16449	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	738
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Quaternary System		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	280
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**23
SSW
1/2 - 1 Mile
Higher**

IL WELLS ILEP2000001857

Well id:	45058		
X coord:	-88.16499		
Y coord:	40.31176		
Fac name:	Not Reported	Facility n:	Not Reported
Addr one t:	Not Reported		
Addr two t:	Not Reported		
City name:	Not Reported	State code:	Not Reported
Zip code:	Not Reported	Fips cd:	Not Reported
Prn cnty:	Not Reported	Status cd:	Not Reported
Fed type c:	Not Reported	B name:	Not Reported
Pop cnt:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Lat dec de:	0		
Long dec d:	0		
Meridian:	Not Reported	Township:	Not Reported
Range:	Not Reported	Section:	Not Reported
Updt ts:	30-DEC-99	W cws num:	0190650
W cws name:	RANTOUL	W status:	A
W suscept:	E	W policy:	C
W min setb:	200		
W d depth:	280		
W aquifer:	1212		
Amb well:	0		
Pws status:	A	Sdwis well:	WL45058
Sys number:	IL0190650	Api:	120192206000

**24
SSE
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000104354

Pt api number:	120190125400	Pt status:	WATER
Pt longitude:	-88.155675		
Pt latitude:	40.311182		
Api number:	120190125400		
Longitude :	-88.155675		
Latitude :	40.311182		
Section:	3	Twp:	21
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Rantoul, Village of
Farm num:	7	Company name:	owner
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	280
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	1150

**25
NNW
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000105109

Pt api number:	120192315000	Pt status:	WATER
Pt longitude:	-88.167029		
Pt latitude:	40.32786		
Api number:	120192315000		
Longitude :	-88.167029		
Latitude :	40.32786		
Section:	27	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Pethtel, Minnie
Farm num:	1	Company name:	Kingsley, Arthur W.
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	100
Wformation:	sand	Wfmfrom:	37
Wfmto:	100	Pumpgpm:	20

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

26
North
1/2 - 1 Mile
Higher

IL WELLS ILSG20000105163

Pt api number:	120192314900	Pt status:	WATER
Pt longitude:	-88.159415		
Pt latitude:	40.329262		
Api number:	120192314900		
Longitude :	-88.159415		
Latitude :	40.329262		
Section:	27	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Webb Farm
Farm num:	1	Company name:	Kingsley, Arthur W.
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	85
Wformation:	sand	Wfmfrom:	69
Wfmto:	85	Pumpgpm:	20

27
NNE
1/2 - 1 Mile
Higher

IL WELLS ILSG20000105161

Pt api number:	120192504300	Pt status:	WATER
Pt longitude:	-88.156981		
Pt latitude:	40.329249		
Api number:	120192504300		
Longitude :	-88.156981		
Latitude :	40.329249		
Section:	27	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Harris, Joe
Farm num:	1	Company name:	Beck, Harold F. Jr.
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	108
Wformation:	sand	Wfmfrom:	104
Wfmto:	108	Pumpgpm:	35

F28
SSE
1/2 - 1 Mile
Higher

IL WELLS ILSG20000104228

Pt api number:	120192612800	Pt status:	OBSP
Pt longitude:	-88.156822		
Pt latitude:	40.309145		
Api number:	120192612800		
Longitude :	-88.156822		
Latitude :	40.309145		
Section:	3	Twp:	21
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Chanute AFB
Farm num:	WL-4056	Company name:	Boart Longyear Co.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Status:	Observation Well, Plugged	Elevation:	0
Elevref:	Not Reported	Total depth:	23
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

**F29
SSE
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000104229

Pt api number:	120192612900	Pt status:	OBSP
Pt longitude:	-88.156822		
Pt latitude:	40.309145		
Api number:	120192612900		
Longitude :	-88.156822		
Latitude :	40.309145		
Section:	3	Twp:	21
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Chanute AFB
Farm num:	WL-4055	Company name:	Boart Longyear Co.
Status:	Observation Well, Plugged	Elevation:	0
Elevref:	Not Reported	Total depth:	30
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

**30
West
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000104713

Pt api number:	120190091400	Pt status:	WATER
Pt longitude:	-88.174678		
Pt latitude:	40.317961		
Api number:	120190091400		
Longitude :	-88.174678		
Latitude :	40.317961		
Section:	33	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Ingiman, Al
Farm num:	Not Reported	Company name:	owner
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	50
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	5

**31
South
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000104174

Pt api number:	120190088200	Pt status:	ENG
Pt longitude:	-88.160354		
Pt latitude:	40.308238		
Api number:	120190088200		
Longitude :	-88.160354		
Latitude :	40.308238		
Section:	3	Twp:	21
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	SBI 119
Farm num:	1	Company name:	IL Division of Highways

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Status:	Engineering Test	Elevation:	749
Elevref:	Ground level	Total depth:	50
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

32
WSW
1/2 - 1 Mile
Higher

IL WELLS ILSG20000104660

Pt api number:	120190131900	Pt status:	WATER
Pt longitude:	-88.175698		
Pt latitude:	40.316474		
Api number:	120190131900		
Longitude :	-88.175698		
Latitude :	40.316474		
Section:	33	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Wiseman, Cal
Farm num:	Not Reported	Company name:	Weburg, E. Marvin
Status:	Water Well	Elevation:	700
Elevref:	Ground level	Total depth:	230
Wformation:	s & g	Wfmfrom:	226
Wfmto:	230	Pumpgpm:	15

33
South
1/2 - 1 Mile
Higher

IL WELLS ILSG20000103989

Pt api number:	120192527500	Pt status:	MONIT
Pt longitude:	-88.16391		
Pt latitude:	40.305496		
Api number:	120192527500		
Longitude :	-88.16391		
Latitude :	40.305496		
Section:	3	Twp:	21
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Warner
Farm num:	WL-1074	Company name:	Alliance Environmental
Status:	Water Well Monitoring Well	Elevation:	0
Elevref:	Not Reported	Total depth:	124
Wformation:	Illinoian	Wfmfrom:	114
Wfmto:	124	Pumpgpm:	0

G34
ENE
1/2 - 1 Mile
Higher

IL WELLS ILSG20000104875

Pt api number:	120192534700	Pt status:	MONIT
Pt longitude:	-88.142551		
Pt latitude:	40.322132		
Api number:	120192534700		
Longitude :	-88.142551		
Latitude :	40.322132		
Section:	35	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	AFCEE
Farm num:	WL-1075	Company name:	Alliance Environmental

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Status:	Water Well Monitoring Well	Elevation:	0
Elevref:	Not Reported	Total depth:	97
Wformation:	Illinoian	Wfmfrom:	87
Wfmto:	97	Pumpgpm:	0

**G35
ENE
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000104876

Pt api number:	120192543400	Pt status:	MONIT
Pt longitude:	-88.142551		
Pt latitude:	40.322132		
Api number:	120192543400		
Longitude :	-88.142551		
Latitude :	40.322132		
Section:	35	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	USAF
Farm num:	WL-1067	Company name:	Geotechnology
Status:	Water Well Monitoring Well	Elevation:	0
Elevref:	Not Reported	Total depth:	23
Wformation:	Wisconsinan till	Wfmfrom:	17
Wfmto:	21	Pumpgpm:	0

**36
NW
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000105082

Pt api number:	120192520400	Pt status:	WATER
Pt longitude:	-88.175826		
Pt latitude:	40.32736		
Api number:	120192520400		
Longitude :	-88.175826		
Latitude :	40.32736		
Section:	28	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	Haffermann, John
Farm num:	1	Company name:	Kingsley, Arthur W.
Status:	Water Well	Elevation:	0
Elevref:	Not Reported	Total depth:	88
Wformation:	sand	Wfmfrom:	48
Wfmto:	88	Pumpgpm:	60

**37
WNW
1/2 - 1 Mile
Higher**

IL WELLS ILSG20000105043

Pt api number:	120190091300	Pt status:	ENG
Pt longitude:	-88.176788		
Pt latitude:	40.326454		
Api number:	120190091300		
Longitude :	-88.176788		
Latitude :	40.326454		
Section:	33	Twp:	22
Tdir:	N	Rng:	9
Rdir:	E	Farm name:	FAI 57
Farm num:	1	Company name:	IL Division of Highways

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Status:	Engineering Test	Elevation:	734
Elevref:	Ground level	Total depth:	41
Wformation:	Not Reported	Wfmfrom:	0
Wfmto:	0	Pumpgpm:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CHAMPAIGN County: 1

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

Federal Area Radon Information for Zip Code: 61866

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.300 pCi/L	0%	100%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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.

STATE RECORDS

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

OTHER STATE DATABASE INFORMATION

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.

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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24-Sep-2015

Tara Dunseith
Burns & McDonnell
1431 Opus Place
Suite 400
Downers Grove, IL 60515

Re: **NW Sewer & Outfall**

Work Order: **15091397**

Dear Tara,

ALS Environmental received 3 samples on 24-Sep-2015 for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 7.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Beamish".

Electronically approved by: Tom Beamish

Bill Carey
Project Manager



Certificate No: IN: C-MI-08

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental ALS

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Burns & McDonnell
Project: NW Sewer & Outfall
Work Order: 15091397

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
15091397-01	10+20 30"	Soil		09/22/15	09/24/15 13:00	<input type="checkbox"/>
15091397-02	30+85 30"	Soil		09/22/15	09/24/15 13:00	<input type="checkbox"/>
15091397-03	57+95 30"	Soil		09/22/15	09/24/15 13:00	<input type="checkbox"/>

Client: Burns & McDonnell
Project: NW Sewer & Outfall
WorkOrder: 15091397

**QUALIFIERS,
ACRONYMS, UNITS**

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and PQL, sample results may exhibit background or reagent contamination at the observed level.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
s.u.	Standard Units

ALS Group USA, Corp

Date: 24-Sep-15

Client: Burns & McDonnell
Project: NW Sewer & Outfall

Work Order: 15091397

Lab ID: 15091397-01A
Client Sample ID: 10+20 30"

Collection Date: 09/22/15
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH pH	7.4		SW9045D	s.u.	Prep: EXTRACT / 9/24/15 1	Analyst: JB 09/24/15 01:50 PM

Lab ID: 15091397-02A
Client Sample ID: 30+85 30"

Collection Date: 09/22/15
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH pH	8.4		SW9045D	s.u.	Prep: EXTRACT / 9/24/15 1	Analyst: JB 09/24/15 01:50 PM

Lab ID: 15091397-03A
Client Sample ID: 57+95 30"

Collection Date: 09/22/15
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH pH	8.6		SW9045D	s.u.	Prep: EXTRACT / 9/24/15 1	Analyst: JB 09/24/15 01:50 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: Burns & McDonnell
Work Order: 15091397
Project: NW Sewer & Outfall

QC BATCH REPORT

Batch ID: **76522** Instrument ID **WETCHEM** Method: **SW9045D**

LCS		Sample ID: LCS-76522-76522				Units: s.u.		Analysis Date: 09/24/15 01:50 PM		
Client ID:		Run ID: WETCHEM_150924H			SeqNo: 3473813		Prep Date: 09/24/15		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	3.94	0	4	0	98.5	90-110		0		

DUP		Sample ID: 15091397-01A DUP				Units: s.u.		Analysis Date: 09/24/15 01:50 PM		
Client ID: 10+20 30"		Run ID: WETCHEM_150924H			SeqNo: 3473815		Prep Date: 09/24/15		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.55	0	0	0	0	0-0	7.45	1.33	20	

The following samples were analyzed in this batch:

15091397-01A	15091397-02A	15091397-03A
--------------	--------------	--------------



Environmental

Cincinnati, OH
+1 513 733 5336

Everett, WA
+1 425 356 2600

Fort Collins, CO
+1 970 490 1511

Holland, MI
+1 616 399 6070

Chain of Custody Form

Page 1 of 1

COC ID: 18094

Houston, TX
+1 281 530 5656

Middletown, PA
+1 717 944 3541

Spring City, PA
+1 610 948 4903

Salt Lake City, UT
+1 801 266 7700

South Charleston, WV
+1 304 356 3168

York, PA
+1 717 505 5280

ALS Project Manager:

ALS Work Order #: 5091397

Customer Information		Project Information		Parameter/Method Request for Analysis											
Purchase Order		Project Name	NW Sewer + Outfall	A	pH										
Work Order		Project Number	78333	B											
Company Name	BURNS & McDONNELL	Bill To Company		C											
Send Report To	Tara DUNSEITH	Invoice Attn		D											
Address	1431 OPUS PLACE	Address		E											
	SUITE 400			F											
City/State/Zip	DOWNERS GROVE, IL 60515	City/State/Zip		G											
Phone	630-724-3856	Phone		H											
Fax		Fax		I											
e-Mail Address	tdunseith@burnsmcd.com	e-Mail Address		J											

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
1	10 + 20 30"	9/22/15		SOIL	8	1	X											
2	30 + 85 30"	↓		SOIL	8	1	X											
3	57 + 95 30"			SOIL	8	1	X											
4																		
5																		
6																		
7																		
8																		
9																		
10																		

Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box) <input type="checkbox"/> Other				Results Due Date:				
				<input type="checkbox"/> STD 10 Wk Days <input type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour								
Relinquished by: <i>Tar R D</i>	Date: 9/23/15	Time: 1335	Received by: <i>Pesamission</i>	Notes: *RUSH*								
Relinquished by: <i>Pesamission</i>	Date: 9/24/15	Time: 1300	Received by (Laboratory): <i>[Signature]</i>	Cooler ID:	Cooler Temp: 3.2°C	QC Package: (Check One Box Below)						
Logged by (Laboratory): <i>DFS</i>	Date: 9/24/15	Time: 1300	Checked by (Laboratory): <i>[Signature]</i>			<input type="checkbox"/> Level II Std QC	<input type="checkbox"/> TRRP Checklist					
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₈ 6-NaHSO ₄ 7-Other 8-4°C 9-5035				<input type="checkbox"/> Level III Std QC/Raw Data				<input type="checkbox"/> TRRP Level IV				
				<input type="checkbox"/> Level IV SW846/CLP								
				<input type="checkbox"/> Other								

Sample Receipt Checklist

Client Name: **BURNS&MCDONNELL - CHI**

Date/Time Received: **24-Sep-15 13:00**

Work Order: **15091397**

Received by: **DS**

Checklist completed by Diane Shaw 24-Sep-15
eSignature Date

Reviewed by: Bill Carey 24-Sep-15
eSignature Date

Matrices: Soil
Carrier name: ALSHN

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>3.2/3.2 c</u>		<u>SR2</u>
Cooler(s)/Kit(s):	<u></u>		
Date/Time sample(s) sent to storage:	<u>9/24/2015 1:08:38 PM</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:	<u></u>		

Login Notes:



Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

DOCUMENT 004000 - BID FORM

Project Name: Northwest Sewer and Outfall
Project No. 78333

BID TO:

Owner: Village of Rantoul
Attn: Scot Brandon, Comptroller
333 South Tanner
Rantoul, IL 61866

BID FROM:

Bidder: _____

ARTICLE 1 - BIDDER'S INTENT

1.01 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with Owner in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid price and within the Bid time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

ARTICLE 2 - TERMS AND CONDITIONS

2.01 Bidder accepts all of the terms and conditions of the Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the day of Bid opening. Bidder will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within 15 days after the date of Owner's Notice of Award.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents, as more fully set forth in the Agreement, that:

A. Bidder has examined and carefully studied the Bid Documents, and the following Addenda, receipt of all which is hereby acknowledged:

<u>Number</u>	<u>Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

PORTIONS OF THIS DOCUMENT, COPYRIGHT, BY ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE (EJCDC), 1983 THROUGH 1996 AND BY BURNS & MCDONNELL ENGINEERING COMPANY, INC., 1974 THROUGH 2008. CAUTIONARY NOTE: MANY PARTS OF THIS DOCUMENT VARY SIGNIFICANTLY FROM EJCDC STANDARD DOCUMENTS.

DOCUMENT 004000 - BID FORM: continued

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, performance, and furnishing of the Work.
- C. Bidder is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, performance, and furnishing of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site. Bidder acknowledges that such reports and drawings are not Contract Documents and may not be complete for Bidder's purposes. Bidder acknowledges that Owner and Engineer do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bid Documents with respect to Underground Facilities at or contiguous to the Site.
- E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site or otherwise which may affect cost, progress, performance, or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder and safety precautions and programs incident thereto.
- F. Bidder does not consider that any additional examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performing and furnishing of the Work in accordance with the times, price, and other terms and conditions of the Contract Documents.
- G. Bidder is aware of the general nature of Work to be performed by Owner and others at the Site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports, and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
- I. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- J. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
- K. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm, or a corporation to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over Owner.

ARTICLE 4 - BID PRICE

4.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

A. UNIT PRICE SCHEDULE:

Item No:	Description	Unit	Number of Units	Price Per Unit	Extension
1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	144.0		
2	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	160.0		
3	TREE REMOVAL, ACRES	ACRE	0.038 0.029		
4	TEMPORARY FENCE	FOOT	1,500.0		
5	TRENCH BACKFILL	CU YD	270.0		
6	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	14,865.0		
7	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	30.0		
8	GRADING & SHAPING DITCHES	FOOT	1,092.0		
9	SEEDING, CLASS 1B	ACRE	1.612 0.381		
10	SEEDING, CLASS 2A	ACRE	0.219		
11	SEEDING, CLASS 3	ACRE	0.811		
12	STONE RIPRAP, CLASS A3	SQ YD	100.0		
13	STONE RIPRAP, CLASS A5 A6	SQ YD	215.0		
14	PREPARATION OF BASE	SQ YD	2,341.0		
15	AGGREGATE BASE REPAIR	TON	192.5		
16	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,288.0		
17	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	2,341.0		
18	COVER COAT AGGREGATE	TON	29.0		
19	SEAL COAT AGGREGATE	TON	29.0		
20	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	180.0		
21	PAVEMENT REMOVAL, FULL DEPTH	SQ YD	733.2		
22	SIDEWALK REMOVAL	SQ FT	135.0		
23	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	38.0		
24	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	717.2		
25	PIPE CULVERT REMOVAL	FOOT	164.0		
26	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	86.0		
27	PIPE CULVERT, CLASS D,	FOOT	78.0		

DOCUMENT 004000 - BID FORM: continued

Item No:	Description	Unit	Number of Units	Price Per Unit	Extension
	TYPE 1 12"				
28	PRECAST CONCRETE FLARED END SECTIONS 24"	EACH	1.0		
29	CONCRETE END SECTION, STANDARD 542011, 48", 1:3 1:2	EACH	1.0		
30	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 1, 18", RCP	FOOT	109.0		
31	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 1, 24" RCP	FOOT	69.0 49.0		
32	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 2, 24" RCP	FOOT	72.0 70.0		
33	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 2, 30", RCP	FOOT	259.0		
33 34	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 2, 36", RCP	FOOT	1,988.0 1,731.0		
34 35	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 2, 48", RCP	FOOT	1,593.0		
35 36	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 4, 24", RCP	FOOT	95.0 106.0		
36 37	STORM SEWER, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 48"	FOOT	1,285.0		
37 38	STORM SEWER REMOVAL 24"	FOOT	4,714.0		
38 39	STORM SEWER REMOVAL 30"	FOOT	103.0		
39 40	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	40.0		
40 41	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 8 GRATE	EACH	2.0		
41 42	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2.0		
42 43	MANHOLE, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6.0		
43 44	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1.0		
44 45	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2.0		

DOCUMENT 004000 - BID FORM: continued

Item No:	Description	Unit	Number of Units	Price Per Unit	Extension
45 46	MANHOLE, TYPE A, 6' DIAMETER, TYPE 8 GRATE	EACH	2.0		
46 47	MANHOLE, TYPE A, 7' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4.0		
47 48	MANHOLE, TYPE A, 8' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2.0		
48 49	REMOVING MANHOLES	EACH	14.0		
49 50	REMOVING INLETS	EACH	3.0		
50	<u>NON-SPECIAL WASTE DISPOSAL</u>	<u>CU YD</u>	<u>270.0</u>		
51	MOBILIZATION	L SUM	1.0		
52	CONSTRUCTION LAYOUT	L SUM	1.0		
53	STEEL CASINGS 42"	FOOT	71.0		
54	TRAFFIC CONTROL AND PROTECTION	L SUM	1.0		
55	FIELD TILE CONNECTION TO PROPOSED SEWER 8" DIA AND LESS	EACH	5.0		
56	FIELD TILE CONNECTION TO PROPOSED SEWER GREATER THAN 8" DIA	EACH	2.0		
57	FIELD TILE REPAIR 8" DIA AND LESS	EACH	5.0		
58	FIELD TILE REPAIR GREATER THAN 8" DIA	EACH	2.0		
59	CHANNEL CLEANING AND DREDGING	FOOT	884.0		
60	CLOSING INVERT, BRICK & MORTAR	EACH	11.0		
61	CHISEL PLOWING	L SUM	1.0		
62	STORMWATER POLLUTION PREVENTION PLAN	L SUM	1.0		
63	POTHOLE EXISTING UTILITY	EACH	2.0		
64	CHAIN LINK FENCE TO BE REMOVED AND REPLACED	FOOT	<u>156.0</u>	<u>43.0</u>	
65	COORDINATION WITH CANADIAN NATIONAL	<u>L SUM</u> <u>DAY</u>	<u>1.0</u>	<u>16.0</u>	

Total Bid Price -

_____ dollars (\$_____).

B. SUBCONTRACTORS: This Bid is based upon use of the following Subcontractors:

No.	Trade	Subcontractor
1	_____	_____
2	_____	_____

DOCUMENT 004000 - BID FORM: continued

3	_____	_____
4	_____	_____

ARTICLE 5 - CONTRACT TIMES

- 5.01 Bidder agrees that the Work will be completed within the following time(s):
- A. The Work will be Substantially Completed within 180 calendar days of the date of the Notice to Proceed. Substantial Completion shall be defined as the completion of all items other than landscape restoration. Final Completion shall be within 210 days of the date of the Notice to Proceed.
 - B. Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified in the Agreement.

ARTICLE 6 - BID CONTENT

- 6.01 The following documents are attached to and made a condition of this Bid:
- A. Required Bid security in the form of a Bid Bond in the amount of 10% of the total Bid price.
 - B. Required Bidder's Qualification Statement with supporting data.
 - C. A tabulation of Subcontractors and other persons and organizations required to be identified in this Bid.

ARTICLE 7 - COMMUNICATIONS

- 7.01 Communications concerning this Bid shall be addressed to the Bidder as follows:
- Mr. Joe Darlington, PE
Civil Engineer
Burns & McDonnell
1431 Opus Place, Suite 400
Downers Grove, IL 60515
(630) 724-3809
jdarlington@burnsmcd.com

ARTICLE 8 - TERMINOLOGY

- A. The terms used in this Bid which are defined in the GENERAL CONDITIONS or Instructions to Bidders will have the meanings assigned to them.

SUBMITTED on _____, 20_____.

State Contractor License No. _____. (If applicable)

If Bidder is:

An Individual

Name (type or printed): _____

By: _____ (SEAL)
(Individual's Signature)

Doing business as: _____

Business address: _____

Phone No.: _____ FAX No.: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner – attach evidence of authority to sign)

Name (type or printed): _____

Business address: _____

Phone No.: _____ FAX No.: _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability): _____

By: _____
(Signature – attach evidence of authority to sign)

Name (type or printed): _____

Title: _____

(CORPORATE SEAL)

Attest _____
(Signature of Corporate Secretary)

Business address: _____

Phone No.: _____ FAX No.: _____

END OF DOCUMENT 004000

SECTION 012000 – MEASUREMENT AND PAYMENT

PART 1 - GENERAL INFORMATION

1.01 MEASUREMENT AND PAYMENT:

- A. This Section describes the measurement and payment for the Work to be done under the items included in this Contract.
- B. Each unit or lump-sum price stated in the Bid shall constitute full compensation as herein specified for each item of work completed in accordance with the Contract Documents. The price shall be full compensation for furnishing all materials and for all labor, equipment, fees, tools and incidentals necessary to complete the item as included in the Contract Documents.
- C. No separate measurement and payment shall be made for Work not specifically listed in this Section. It shall be understood that all Work necessary to complete the Contract as included in the Contract Documents shall be included in cost of the unit and lump sum items included in the Contract.

1.02 PAY ITEMS:

- A. Tree Removal (6 to 15 Units Diameter) – Pay Item No. 1
 - 1. This work shall consist of the clearing and removal of trees (6 to 15 Units Diameter), and other vegetation as shown on the plans and as directed by the Engineer. This work shall be in accordance with Section 201 of the IDOT Standard Specifications for Road and Bridge Construction.
 - 2. The cost of this work shall be paid for at the unit price per each of Tree Removal (6 to 15 Units Diameter).
- B. Tree Removal (Over 15 Units Diameter) – Pay Item No. 2
 - 1. This work shall consist of the clearing and removal of trees (Over 15 Units Diameter), and other vegetation as shown on the plans and as directed by the Engineer. This work shall be in accordance with Section 201 of the IDOT Standard Specifications for Road and Bridge Construction.
 - 2. The cost of this work shall be paid for at the unit price per each of Tree Removal (Over 15 Units Diameter).
- C. Tree Removal, Acres – Pay Item No. 3
 - 1. This work shall consist of the clearing and removal of trees, and other vegetation as shown on the plans and as directed by the Engineer. This work shall be in accordance with Section 201 of the IDOT Standard Specifications for Road and Bridge Construction.
 - 2. The cost of this work shall be paid for at the unit price per acre of Tree Removal, Acres.
- D. Temporary Fence – Pay Item No. 4
 - 1. This work shall consist of the installation of silt fence as indicated on the plans and around the soil stockpile located on West WWTP property and/or adjacent to trench excavation within the easement limits. Contractor shall maintain and repair silt fence as required and as directed by the Engineer throughout the duration of the project. The Contractor shall conduct daily inspections during construction to ensure that the silt fence is properly installed.
 - 2. The cost of this work shall be paid for per linear foot of Temporary Fence.
- E. Trench Backfill – Pay Item No. 5
 - 1. This work shall be in accordance with Section 208 of the IDOT Standard Specifications for Road and Bridge Construction.
 - 2. The cost of this work shall be paid for at the unit price per cubic yard of Trench Backfill.
- F. Topsoil Excavation and Placement – Pay Item No. 6
 - 1. This work shall be in accordance with Section 211 of the IDOT Standard Specifications for Road and Bridge Construction. Prior to sewer installation the Contractor shall strip all

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

- topsoil from agricultural areas within easement limits to a depth of 18 inches minimum and stockpile it at the West WWTP and adjacent to trench excavation within the easement limits. Stockpile shall not be located on CN Railroad property. After backfilling sewer, topsoil shall be applied to existing grade. This work includes surface preparation, application of topsoil, rough grading, and final grading.
2. The cost of this work shall be paid for at the unit price per cubic yard of Topsoil Excavation and Placement.
- G. Topsoil Furnish & Place – Pay Item No. 7
1. This work includes all labor and materials necessary to apply a 4-inch layer of topsoil to all non-paved, non-agricultural areas disturbed as a result of the Contractor’s activities. This work includes surface preparation, application of topsoil, rough grading, and final grading.
 2. This work will be paid for at the contract unit price per square yard for Topsoil, Furnish and Place, 4”.
- H. Grading & Shaping Ditches – Pay Item No. 8
1. This work includes all labor and materials necessary to shape and grade the ditches as indicated on the plans. This work includes surface preparation, removal and disposal of unsuitable material, rough grading, and final grading. This work shall be in accordance with Section 214 of the IDOT Standard Specifications for Road and Bridge Construction.
 2. This work will be paid for at the contract unit price per foot for Grading & Shaping Ditches.
- A. Seeding, Class 1B – Pay Item No. 9
1. This work includes all labor and materials necessary to seed, fertilize, and water grassy areas disturbed as a result of the Contractor’s operations. This work includes all necessary, grass seed, fertilizer, mulch, ~~jute jume~~ netting, soil preparation, application of materials, watering, protection of seeded areas, and maintenance as required for installation of this item. This work shall be completed per section 329200 of these specifications.
 2. This work will be paid for at the contract unit price per square yard for Seeding, Class 1B.
- B. Seeding, Class 2A – Pay Item No. 10
1. This work includes all labor and materials necessary to seed, fertilize, and water grassy areas disturbed as a result of the Contractor’s operations. This work includes all necessary, grass seed, fertilizer, mulch, ~~jute jume~~ netting, soil preparation, application of materials, watering, protection of seeded areas, and maintenance as required for installation of this item. This work shall be completed per section 329200 of these specifications.
 2. This work will be paid for at the contract unit price per square yard for Seeding, Class 1B.
- C. Seeding, Class 3 – Pay Item No. 11
1. This work includes all labor and materials necessary to seed, fertilize, and water grassy areas disturbed as a result of the Contractor’s operations. This work includes all necessary, grass seed, fertilizer, mulch, ~~jute jume~~ netting, soil preparation, application of materials, watering, protection of seeded areas, and maintenance as required for installation of this item. This work shall be completed per section 329200 of these specifications.

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

2. This work will be paid for at the contract unit price per square yard for Seeding, Class 1B.
- D. Stone Riprap, Class A3 – Pay Item No. 12
 1. This work includes all labor and materials necessary to install riprap in the locations indicated on the plans. This work includes all necessary surface preparation, application of materials, grading, bedding material, and maintenance as required for installation of this item. This work shall be in accordance with Section 281 of the IDOT Standard Specifications for Road and Bridge Construction.
 2. This work will be paid for at the contract unit price per square yard for Stone Riprap, Class A3.
- E. Stone Riprap, Class ~~A5 A6~~ – Pay Item No. 13
 1. This work includes all labor and materials necessary to install riprap in the locations indicated on the plans. This work includes all necessary surface preparation, application of materials, grading, bedding material, and maintenance as required for installation of this item. This work shall be in accordance with Section 281 of the IDOT Standard Specifications for Road and Bridge Construction.
 2. This work will be paid for at the contract unit price per square yard for Stone Riprap, Class ~~A5-A6~~.
- F. Preparation of Base – Pay Item No. 14
 1. This work includes all labor and materials necessary to prepare the base. All work shall conform to the appropriate articles of Section 358 of the IDOT Standard Specifications for Road and Bridge Construction.
 2. This work will be paid for at the contract unit price per square yard for Preparation of Base.
- G. Aggregate Base Repair – Pay Item No. 15
 1. This work includes all labor and materials necessary to repair all failures (potholes, deep depressions, or ruts) in the existing surface. All work shall conform to the appropriate articles of Section 358 of the IDOT Standard Specifications for Road and Bridge Construction.
 2. This work will be paid for at the contract unit price per ton for Aggregate Base Repair.
- H. Bituminous Materials (Prime Coat) – Pay Item No. 16
 1. Bituminous Materials (Prime Coat) shall be applied to oil and chip roadways designated as Bituminous Surface Treatment, Class A-2. All work shall conform to the appropriate articles of Section 403 of the IDOT Standard Specifications for Road and Bridge Construction and shall include all necessary bituminous coats, grading, placement of materials, and compaction as required for installation of this item.
 2. This work will be paid for at the contract unit price per gallon for Bituminous Materials (Prime Coat).
- I. Bituminous Materials (Cover & Seal Coats) – Pay Item No. 17
 1. Bituminous Materials (Cover & Seal Coats) shall be applied to oil and chip roadways designated as Bituminous Surface Treatment, Class A-2. All work shall conform to the appropriate articles of Section 403 of the IDOT Standard Specifications for Road and Bridge Construction and shall include all necessary bituminous coats, grading, placement of materials, and compaction as required for installation of this item.
 2. This work will be paid for at the contract unit price per gallon for Bituminous Materials (Cover & Seal Coats).
- J. Cover Coat Aggregate – Pay Item No. 18

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

1. Cover Coat Aggregate shall be applied to oil and chip roadways designated as Bituminous Surface Treatment, Class A-2. All work shall conform to the appropriate articles of Section 403 of the IDOT Standard Specifications for Road and Bridge Construction and shall include all necessary aggregates, grading, placement of materials, and compaction as required for installation of this item.
2. This work will be paid for at the contract unit price per ton for Cover Coat Aggregate.
- K. Seal Coat Aggregate – Pay Item No. 19
 1. Seal Coat Aggregate shall be applied to oil and chip roadways designated as Bituminous Surface Treatment, Class A-2. All work shall conform to the appropriate articles of Section 403 of the IDOT Standard Specifications for Road and Bridge Construction and shall include all necessary aggregates, grading, placement of materials, and compaction as required for installation of this item.
 2. This work will be paid for at the contract unit price per ton for Seal Coat Aggregate.
- L. Portland Cement Concrete Sidewalk, 5” – Pay Item No. 20
 1. All work shall conform to the appropriate articles of Section 424 of the IDOT Standard Specifications for Road and Bridge Construction and shall include all necessary aggregate leveling courses, concrete pavement courses, grading, placement of materials, and compaction as required for installation of this item.
 2. This work will be paid for at the contract unit price per square foot for Portland Cement Concrete Sidewalk 5”.
- M. Pavement Removal, Full Depth – Pay Item No. 21
 1. All paved areas disturbed as a result of construction operations shall be restored as specified. This work includes all necessary sawcutting, pavement removal, and disposal of materials.
 2. This work will be paid for at the contract unit price per square yard for Pavement Removal, Full Depth.
- N. Sidewalk Removal – Pay Item No. 22
 1. This work includes all labor and materials necessary to remove existing sidewalk. This work shall be in accordance with Section 440 of the IDOT Standard Specifications for Road and Bridge Construction.
 2. This work will be paid for at the contract unit price per square foot for Sidewalk Removal.
- O. Class B Patches, Type IV, 8 inch – Pay Item No. 23
 1. All paved areas disturbed as a result of construction operations shall be restored as specified. This work includes all necessary pavement courses, grading, placement of materials, and compaction as required for installation of this item.
 2. This work will be paid for at the contract unit price per square yard for Class B Patches, Type IV, 8 inch.
- P. Class D Patches, Type IV, 4 inch – Pay Item No. 24
 1. All paved areas disturbed as a result of construction operations shall be restored as specified. This work includes all necessary bituminous pavement courses, grading, placement of materials, and compaction as required for installation of this item.
 2. This work will be paid for at the contract unit price per square yard for Class D Patches, Type IV, 4 inch.
- Q. Pipe Culvert Removal – Pay Item No. 25
 1. This work shall consist of all labor and materials necessary to remove an existing culvert. This work shall conform to the appropriate articles of Section 501 of the IDOT Standard

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

Specifications for Road and Bridge Construction. The Contractor shall excavate and expose the existing culvert; this excavation shall not be paid for separately but shall be included in the unit price.

2. This work will be paid for at the contract unit price per foot for Pipe Culvert Removal.
- R. Precast Concrete Box Culverts 4' X 2' – Pay Item No. 26
1. This work shall consist of all labor and materials necessary to install 4' X 2' box culverts. This work includes all necessary excavation of material, grates, and any necessary fittings as required for installation of this item.
 2. This work will be paid for at the contract unit price per each for Precast Concrete Box Culverts 4' X 2'.
- S. Pipe Culvert, Class D, Type 1 12" – Pay Item No. 27
1. This work shall consist of all labor and materials necessary to install 12-inch diameter CMP culvert. This work includes all necessary trenching, sheeting, bracing, dewatering, storm sewer, gaskets, pipe embedment, and trench backfill as required for installation of this item. This work shall conform to the appropriate articles of Section 542 of the IDOT Standard Specifications for Road and Bridge Construction.
 2. This work will be paid for at the contract unit price per foot for Pipe Culvert, Class D, Type 1 12".
- T. Precast Concrete Flared End Sections 24" – Pay Item No. 28
1. This work shall consist of all labor and materials necessary to install 24" flared end sections. This work includes all necessary excavation of material, grates, and any necessary fittings to assemble and attach to the storm sewer as required for installation of this item.
 2. This work will be paid for at the contract unit price per each for Precast Concrete Flared End Sections 24".
- U. Concrete End Section, Standard 542011, 48", 1:3 1:2 – Pay Item No. 29
1. This work shall consist of all labor and materials necessary to install a concrete headwall. This work includes all necessary excavation of material, grading, grates, and any necessary fittings to assemble and attach to the storm sewer as required for installation of this item. This work shall conform to the appropriate articles of Section 542 of the IDOT Standard Specifications for Road and Bridge Construction.
 2. This work will be paid for at the contract unit price per each for Concrete End Section, Standard 542011, 48", 1:3 1:2.
- V. Storm Sewer, Rubber Gasket, Class A, Type 1 18" RCP – Pay Item No. 30
1. This work shall consist of all labor and materials necessary to install 18-inch diameter RCP storm sewer. This work includes all necessary trenching, sheeting, bracing, dewatering, storm sewer, gaskets, pipe embedment, and trench backfill as required for installation of this item.
 2. This work will be paid for at the contract unit price per foot for Storm Sewer, Rubber Gasket, Class A, Type 1 18" RCP.
- W. Storm Sewer, Rubber Gasket, Class A, Type 1 24" RCP – Pay Item No. 31
1. This work shall consist of all labor and materials necessary to install 24-inch diameter RCP storm sewer. This work includes all necessary trenching, sheeting, bracing, dewatering, storm sewer, gaskets, pipe embedment, and trench backfill as required for installation of this item.
 2. This work will be paid for at the contract unit price per foot for Storm Sewer, Rubber Gasket, Class A, Type 1 24" RCP.

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

- X. Storm Sewer, Rubber Gasket, Class A, Type 2 24” RCP – Pay Item No. 32
1. This work shall consist of all labor and materials necessary to install 24-inch diameter RCP storm sewer. This work includes all necessary trenching, sheeting, bracing, dewatering, storm sewer, gaskets, pipe embedment, and trench backfill as required for installation of this item.
 2. This work will be paid for at the contract unit price per foot for Storm Sewer, Rubber Gasket, Class A, Type 2 24” RCP.
- ~~Y.~~ ~~Storm Sewer, Rubber Gasket, Class A, Type 2 30” RCP – Pay Item No. 33~~
- ~~1. This work shall consist of all labor and materials necessary to install 30-inch diameter RCP storm sewer. This work includes all necessary trenching, sheeting, bracing, dewatering, storm sewer, gaskets, pipe embedment, and trench backfill as required for installation of this item.~~
 - ~~2. This work will be paid for at the contract unit price per foot for Storm Sewer, Rubber Gasket, Class A, Type 2 30” RCP.~~
- ~~Z.~~Y. Storm Sewer, Rubber Gasket, Class A, Type 2 36” RCP – Pay Item No. ~~33~~ 34
1. This work shall consist of all labor and materials necessary to install 36-inch diameter RCP storm sewer. This work includes all necessary trenching, sheeting, bracing, dewatering, storm sewer, gaskets, pipe embedment, and trench backfill as required for installation of this item.
 2. This work will be paid for at the contract unit price per foot for Storm Sewer, Rubber Gasket, Class A, Type 2 36” RCP.
- ~~AA.~~Z. Storm Sewer, Rubber Gasket, Class A, Type 2 48” RCP – Pay Item No. ~~34~~ 35
1. This work shall consist of all labor and materials necessary to install 48-inch diameter RCP storm sewer. This work includes all necessary trenching, sheeting, bracing, dewatering, storm sewer, gaskets, pipe embedment, and trench backfill as required for installation of this item.
 2. This work will be paid for at the contract unit price per foot for Storm Sewer, Rubber Gasket, Class A, Type 2 48” RCP.
- ~~BB.~~AA. Storm Sewer, Rubber Gasket, Class A, Type 4 24” RCP – Pay Item No. ~~35~~ 36
1. This work shall consist of all labor and materials necessary to install 24-inch diameter RCP storm sewer. This work includes all necessary trenching, sheeting, bracing, dewatering, storm sewer, gaskets, pipe embedment, and trench backfill as required for installation of this item.
 2. This work will be paid for at the contract unit price per foot for Storm Sewer, Rubber Gasket, Class A, Type 4 24” RCP.
- ~~CC.~~BB. Storm Sewer, Rubber Gasket, Class A, Type 2 Equivalent Round Size 48” – Pay Item No. ~~36~~ 37
1. This work shall consist of all labor and materials necessary to install 60-inch by 38-inch diameter elliptical RCP storm sewer. This work includes all necessary trenching, sheeting, bracing, dewatering, storm sewer, gaskets, pipe embedment, and trench backfill as required for installation of this item.
 2. This work will be paid for at the contract unit price per foot for Storm Sewer, Rubber Gasket, Class A, Type 2 Equivalent Round Size 48”.
- ~~DD.~~CC. Storm Sewer Removal 24” – Pay Item No. ~~37~~ 38
1. This work shall consist of all labor and materials necessary to remove 24-inch diameter RCP storm sewer. This work shall conform to the appropriate articles of Section 551 of the IDOT Standard Specifications for Road and Bridge Construction. The Contractor

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

shall excavate and expose the existing pipe; this excavation shall not be paid for separately but shall be included in the unit price.

2. This work will be paid for at the contract unit price per foot for Storm Sewer Removal 24”.

~~EE~~.DD. Storm Sewer Removal 30” – Pay Item No. 38 39

1. This work shall consist of all labor and materials necessary to remove 30-inch diameter RCP storm sewer. This work shall conform to the appropriate articles of Section 551 of the IDOT Standard Specifications for Road and Bridge Construction. The Contractor shall excavate and expose the existing pipe; this excavation shall not be paid for separately but shall be included in the unit price.
2. This work will be paid for at the contract unit price per foot for Storm Sewer Removal 30”.

~~FF~~.EE. Adjusting Sanitary Sewers, 8-Inch Diameter or Less – Pay Item No. 39 40

1. This work shall consist of all labor and materials necessary to adjust a sanitary service lateral, 8” diameter or less including the removal and replacement of the existing lateral with pipe of equivalent diameter and type. The notification of customers of the interruption of services shall be included in the cost. This work shall conform to the appropriate articles of Section 563 of the IDOT Standard Specifications for Road and Bridge Construction.
2. Lateral to be constructed through a proposed manhole. Lateral piping through the manhole shall be Class 52 ductile iron pipe (DIP) as specified in Section 333100. DIP through manhole shall be considered included in the cost of Adjusting Sanitary Sewers, 8-Inch Diameter or Less.
3. This work will be paid for at the contract unit price per foot for Adjusting Sanitary Sewers, 8-Inch Diameter or Less.

~~GG~~.FF. Catch Basin, Type A, 4’ Diameter, Type 8 Grate – Pay Item No. 40 41

1. This work shall consist of all labor and materials necessary to install 4-foot catch basins. This work includes all necessary trenching, excavation, sheeting, bracing, dewatering, catch basin, Hilti anchors, bolting frame to slab, pipe embedment, pipe connections, and trench backfill as required for installation of this item.
2. This work will be paid for at the contract unit price per each for Catch Basin, Type A, 4’ Diameter, Type 8 Grate.

~~HH~~.GG. Manhole, Type A, 4’ Diameter, Type 1 Frame, Closed Lid – Pay Item No. 41 42

1. This work shall consist of all labor and materials necessary to install 4-foot manholes. This work includes all necessary trenching, excavation, sheeting, bracing, dewatering, manhole, Hilti anchors, bolting frame to slab, pipe embedment, pipe connections, and trench backfill as required for installation of this item. Manholes located in farmland shall be buried a minimum of 24” below existing ground elevation as called out in the plans.
2. This work will be paid for at the contract unit price per each for Manhole, Type A, 4’ Diameter, Type 1 Frame, Closed Lid.

~~H~~.HH. Manhole, Type A, 5’ Diameter, Type 1 Frame, Closed Lid – Pay Item No. 42 43

1. This work shall consist of all labor and materials necessary to install 5-foot manholes. This work includes all necessary trenching, excavation, sheeting, bracing, dewatering, manhole, Hilti anchors, bolting frame to slab, pipe embedment, pipe connections, and trench backfill as required for installation of this item. Manholes located in farmland shall be buried a minimum of 24” below existing ground elevation as called out in the plans.

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

2. This work will be paid for at the contract unit price per each for Manhole, Type A, 5' Diameter, Type 1 Frame, Closed Lid.

~~II~~.II. Manhole, Type A, 6' Diameter, Type 1 Frame, Open Lid – Pay Item No. 43 44

1. This work shall consist of all labor and materials necessary to install 6-foot manholes. This work includes all necessary trenching, excavation, sheeting, bracing, dewatering, manhole, Hilti anchors, bolting frame to slab, pipe embedment, pipe connections, and trench backfill as required for installation of this item.
2. This work will be paid for at the contract unit price per each for Manhole, Type A, 6' Diameter, Type 1 Frame, Open Lid.

~~KK~~.JJ. Manhole, Type A, 6' Diameter, Type 1 Frame, Closed Lid – Pay Item No. 44 45

1. This work shall consist of all labor and materials necessary to install 6-foot manholes. This work includes all necessary trenching, excavation, sheeting, bracing, dewatering, manhole, Hilti anchors, bolting frame to slab, pipe embedment, pipe connections, and trench backfill as required for installation of this item. Manholes located in farmland shall be buried a minimum of 24" below existing ground elevation as called out in the plans.
2. This work will be paid for at the contract unit price per each for Manhole, Type A, 6' Diameter, Type 1 Frame, Closed Lid.

~~LL~~.KK. Manhole, Type A, 6' Diameter, Type 8 Grate – Pay Item No. 45 46

1. This work shall consist of all labor and materials necessary to install 6-foot manholes. This work includes all necessary trenching, excavation, sheeting, bracing, dewatering, manhole, Hilti anchors, bolting frame to slab, pipe embedment, pipe connections, and trench backfill as required for installation of this item.
2. This work will be paid for at the contract unit price per each for Manhole, Type A, 6' Diameter, Type 8 Grate.

~~MM~~.LL. Manhole, Type A, 7' Diameter, Type 1 Frame, Closed Lid – Pay Item No. 46 47

1. This work shall consist of all labor and materials necessary to install 7-foot manholes. This work includes all necessary trenching, excavation, sheeting, bracing, dewatering, manhole, Hilti anchors, bolting frame to slab, pipe embedment, pipe connections, and trench backfill as required for installation of this item. Manholes located in farmland shall be buried a minimum of 24" below existing ground elevation as called out in the plans.
2. This work will be paid for at the contract unit price per each for Manhole, Type A, 7' Diameter, Type 1 Frame, Closed Lid.

~~NN~~.MM. Manhole, Type A, 8' Diameter, Type 1 Frame, Closed Lid – Pay Item No. 47 48

1. This work shall consist of all labor and materials necessary to install 8-foot manholes. This work includes all necessary trenching, excavation, sheeting, bracing, dewatering, manhole, Hilti anchors, bolting frame to slab, pipe embedment, pipe connections, and trench backfill as required for installation of this item. Manhole frames located in farmland shall be buried a minimum of 24" below existing ground elevation as called out in the plans.
2. This work will be paid for at the contract unit price per each for Manhole, Type A, 8' Diameter, Type 1 Frame, Closed Lid.

~~OO~~.NN. Removing Manholes – Pay Item No. 48 49

1. This work shall consist of all labor and materials necessary to remove manholes. This work shall conform to the appropriate articles of Section 605 of the IDOT Standard Specifications for Road and Bridge Construction
2. This work will be paid for at the contract unit price per each for Removing Manholes.

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

~~PP.OO.~~ Removing Inlets – Pay Item No. ~~49 50~~

1. This work shall consist of all labor and materials necessary to remove inlets. This work shall conform to the appropriate articles of Section 605 of the IDOT Standard Specifications for Road and Bridge Construction
2. This work will be paid for at the contract unit price per each for Removing Inlets.

~~QQ.PP.~~ Non-Special Waste Disposal – Pay Item No. ~~50 51~~

1. This work shall consist of the segregation, hauling and satisfactory disposal outside the limits of the job of all contaminated excavated material necessary for construction of the project. All work shall be in accordance with Section 669 of the Standard Specifications and as specified herein.
2. Contaminated waste shall be defined as any excavated material with contaminants exceeding levels that prohibit disposal at a CCDD or SOH only receiving facility.
3. It is the contractor's responsibility to locate a receiving facility for the contaminated material and to provide the facility with any required paperwork and/or analysis. Any paperwork or analysis required will be at the expense of the contractor. The contractor shall provide the engineer (not limited to) copies of said paperwork/analysis, load tickets and receiving facility sign-offs for each load of contaminated soil disposed.
4. This work will be paid for at the contract unit price per cubic yard for Non-Special Waste Disposal.

~~RR.QQ.~~ Mobilization – Pay Item No. ~~51 52~~

1. Mobilization will be paid for at the contract lump sum price for the mobilization of all equipment to and from the site. The lump sum price for this item shall constitute full compensation for all equipment, materials, labor, fees, tools and incidentals necessary to complete this item.

~~SS.RR.~~ Construction Layout – Pay Item No. ~~52 53~~

1. Construction staking and marking shall conform to article 105.09 of the Standard Specifications. The Engineer will provide survey / project control points. The Contractor shall set all construction information stakes that mark the location, alignment, elevation and grade of the work. Requests for control information must be made 48 hours prior to the date needed.
2. The cost of construction staking will be paid for at the contract lump sum price for Construction Layout. No additional compensation shall be given for re-staking any aspect of the work for any reason.

~~TT.SS.~~ Steel Casings 42” – Pay Item No. ~~53 54~~

1. Forty-two (42) inch diameter steel casing pipe will be measured for payment in place in feet. This work shall include all necessary launch and/or receiving pit excavation, trenching, sheeting, bracing, jacking pits, dewatering, boring and auguring, steel casing pipe, welding, primer application, fittings, ports, lubrication, intermediate pipes, adapters/cutting shoes, spoil removal from new casing pipe, written logs, and pipe supports of size and material specified, casing spacers, spacer bands, pipe embedment, trench backfill, brick and mortar end seals, all submittals, vibration control, and all system design as required for installation of the pipe.
2. This work will be paid for at the contract unit price per foot for Steel Casings 42”.

~~UU.TT.~~ Traffic Control and Protection – Pay Item No. ~~54 55~~

1. This work shall be done in accordance with Part IV of Illinois Department of Transportation Reprint of the "Manual on Uniform Traffic Control Devices" published by the Federal Highway Administration, the appropriate articles of Section 1084 of the

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

Standard Specifications and the Standard Specification for Traffic Control Devices adopted April 1, 2013 by the Illinois Department of Transportation. All applicable state standards for traffic control devices, lane closures and traffic control staging shall conform to current IDOT standards at all times.

- a. This item of work shall include the furnishing, installing; maintaining, relocating and removing all traffic control devices used for the purpose of regulating, warning, or directing traffic during the construction or maintenance of this improvement.
- b. When traffic is to be directed over a detour route, the Contractor shall furnish, erect, maintain and remove all applicable traffic control devices and signing along the detour route according to the details shown in the plans.
- c. The governing factor in the execution and staging of work for this project is to provide the motoring public, residents, and business owners with the safest possible conditions along the roadway and in the construction zone. The Contractor shall so arrange his operations as to keep the closing of any lane of the roadway to a minimum.
- d. All operations which require a reduction in the number of lanes of traffic shall comply with the aforementioned standards including a flagman posted at each end of the lane closure at all times. "stop" and "slow" paddles shall be used to control traffic. Flags will NOT be allowed as the sole means of traffic control. Minimum lane widths shall be 10 feet. Single lane roads will not be allowed without flagmen, and under no circumstances will a one lane condition remain overnight unless approved by the Village of Rantoul.
- e. Type II barricades with working steady burn light units shall be used whenever the change in pavement height exceeds 2 inches due to any construction activity and at all butt joints. The Engineer reserves the right to stop any construction activity when traffic control is neglected.
- f. Traffic control devices include signs and their supports, signals, pavement markings, barricades (with sandbags if necessary), channelization devices, warning lights, arrow boards, flaggers, or any other device used for the purpose of guiding traffic through or detouring around the construction zone.
- g. The Contractor will be responsible for the proper location, installation, and arrangement of all traffic control devices. Special attention shall be given to advance warning signs during construction operations in order to keep lane assignment consistent with barricade placement at all times/ The Contractor shall cover or remove all traffic control devices which are inconsistent with detour or lane assignment patterns during the transition from one construction stage to another.
- h. The Contractor shall ensure that all traffic control devices installed by him are operational 24 hours a day, including Sundays and Holidays.
- i. The Contractor shall be reachable on a 24 hour a day basis to receive notification of any deficiencies regarding traffic control and protection and shall dispatch personnel, materials, and equipment to correct any such deficiencies. The Contractor shall respond to any call from the Village of Rantoul concerning a request for improving or correcting traffic control devices and begin making the requested repairs within two hours from the time of notification.
- j. When traveling in lanes open to public traffic, the Contractor's vehicles shall always move with and not against the flow of traffic. These vehicles shall enter and leave

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

work areas in a manner which will not be hazardous to or interfere with traffic and shall not park or stop except within designated work areas. Those vehicles belonging to the Contractor or his employees shall remain on public property area only and shall not pull into, park, or block any access to private property.

- k. Any drop off greater than three inches, but less than six inches, within eight feet of the pavement edge shall be protected by Type I or II barricades equipped with mono-directional steady burn lights at 100-foot center to center spacing. If the drop off within eight feet of the pavement edge exceeds six inches, the barricades mentioned above shall be placed at 50-foot center to center spacing. Barricades that must be placed in excavated areas shall have leg extensions installed such that the top of the barricade is in compliance with the height requirement of Standard 702001. Vertical panels or other delineating devices may be substituted for Type I or Type II barricades with the approval of the Engineer.
- l. Delays to the Contractor caused by complying with these requirements will be considered included in the price of the pay item Traffic Control & Protection and no additional compensation will be allowed.
2. This work will be paid for at the contract lump sum price for Traffic Control and Protection.

~~VV.UU.~~ Field Tile Connection – Pay Item No. 55, 56 56, 57

1. To the Best of the Engineer's knowledge, there are no known or reported existing field tiles or sewers within the limits of this project, except as shown on the plans. However this special provision shall also apply, should an unrecorded or unknown field tile be discovered during construction. This item shall consist of furnishing all labor, materials, machinery, tools and supervision for the removal, plugging and backfilling of existing drain tiles that maybe encountered during construction operations in accordance with these Special Provisions. Existing drain tiles flowing toward the project shall be intercepted and connected to the proposed storm sewer. When connected to the storm sewer the existing drain tile shall be plugged downstream from this connection point as herein described. Existing drain tile to be plugged shall be plugged with precast concrete or masonry units mortared in place or with poured in place concrete. Existing drain tile to be connected to the proposed storm system shall be connected by coring the RCP Storm Sewer and using saddle-type fitting with an elastomeric ring-gasketed bell-end service connection and minimum wall thickness of SDR 26. Saddle-type fitting to be supplied with a rubber sealing gasket and stainless steel straps for connection to pipe. Pipe shall be PVC SDR 26.
2. This work will be paid for at the contract unit price per each for Field Tile Connection to Proposed Sewer 8" Dia and Less or Field Tile Connection to Proposed Sewer Greater than 8" Dia.

~~WW.VV.~~ Field Tile Repair – Pay Item No. 57, 58 58, 59

1. To the Best of the Engineer's knowledge, there are no known or reported existing field tiles or sewers within the limits of this project, except as shown on the plans. However this special provision shall also apply, should an unrecorded or unknown field tile be discovered during construction. This item shall consist of furnishing all labor, materials, machinery, tools and supervision for the repair and backfilling of damaged existing drain tiles caused by construction operations in accordance with these Special Provisions. Pipe shall be PVC SDR 26.

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

2. This work will be paid for at the contract unit price per each for Field Tile Repair 8” Dia and Less or Field Tile Repair Greater than 8” Dia.

~~XX.WW.~~ Channel Cleaning and Dredging – Pay Item No. ~~59 60~~

1. This work shall consist of all labor and materials necessary to dredge the drainage ditch. Contractor shall dredge and remove debris from County Road 3100N to the north property line of the West Wastewater Treatment plant. Contractor shall legally dispose of all dredge waste and debris. Legal disposal of waste material shall be included in the cost of Channel Dredging. This item shall consist of furnishing all labor, materials, machinery, tools, supervision and disposal.
2. This work shall be performed by one of the following subcontractors:
 - a. Dennis Martin Excavation: 217-202-0955; 217-897-1293
 - a-b. Franzen Construction Group: 217-202-0509; 217-469-2552
- ~~2-3.~~ This work will be paid for at the contract unit price per foot for Channel Dredging.

~~YY.XX.~~ Closing Invert, Brick and Mortar – Pay Item No. ~~60 61~~

1. This work shall consist of all labor and materials necessary to closing an invert. Contractor shall close off the invert using brick and mortar. This item shall consist of furnishing all labor, materials, machinery, tools and supervision.
2. This work will be paid for at the contract unit price per each for Closing Invert, Brick and Mortar.

~~ZZ.YY.~~ Chisel Plowing – Pay Item No. ~~61 62~~

1. This work shall consist of all labor and materials necessary to chisel plow disturbed agricultural areas. After sewer has been installed, backfilled, and topsoil has been spread, Contractor shall chisel plow all areas of agricultural fields where construction traffic has occurred.
2. This work will be paid for at the contract lump sum price for Chisel Plowing.

~~AAA.ZZ.~~ Stormwater Pollution Prevention Plan – Pay Item No. ~~62 63~~

1. This work shall consist of all labor and materials necessary to prepare the Stormwater Pollution Prevention Plan and acquire approval of stormwater permit from the IEPA.
2. This work will be paid for at the contract lump sum price for Stormwater Pollution Prevention Plan.

~~BBB.AAA.~~ Pothole Existing Utility – Pay Item No. ~~63 64~~

1. This work will be measured per each Pothole Existing Utility performed. This work includes all necessary sawcutting, excavation, sheeting, bracing, dewatering, and trench backfill as required for performance of this item. Excavations in turf areas shall be backfilled with excavated material. All excess excavated material shall be disposed of by the Contractor and is considered incidental to the cost of this item.
2. This work will be paid for at the contract unit price per each for Pothole Existing Utility.

~~CCC.BBB.~~ Chain Link Fence To Be Removed and Replaced – Pay Item No. ~~64 65~~

1. This work includes all necessary labor and materials to remove and install a section of chain link fence.
2. This work will be paid for at the contract unit price per foot for Chain Link Fence To Be Removed and Replaced.

~~DDD.CCC.~~ Coordination with Canadian National Railroad – Pay Item No. ~~65 66~~

1. This work includes coordination with Canadian National Railroad as required to complete the project. Specific requirements for Pipeline Installations can be found at: <http://www.cn.ca/en/delivering-responsibly/safety/erailsafe/utility-installations>

SECTION 012000 – MEASUREMENT AND PAYMENT: continued

The Pipeline Crossing Form has been filled out, submitted to Canadian National, and approved. Contractor is responsible for securing flagging and cable locate services, as well as providing insurance (statutory worker's compensation, employer's liability, automobile liability, railroad protective, and any other policies) as required by Canadian National and in accordance with the General Conditions. Costs associated with these services and any other coordination required should be included in this pay item.

2. This work will be paid for at the contract lump sum price for Coordination with Canadian National Railroad.

END OF SECTION 012000

SECTION 312333 - TRENCHING AND BACKFILLING FOR UTILITIES

PART 1 - GENERAL

1.01 SUMMARY:

- A. This Section includes:
 - 1. Excavation, sheeting, bracing, and all operations necessary for the preparation of trenches for bedding of pipes and pipe appurtenances, and existing utilities encountered.
 - 2. Pipe embedments.
 - 3. Backfilling of trenches.
- B. Related Work Specified Elsewhere:
 - 1. Site Preparation and Earthwork: SECTION 312000.
 - 2. Excavation, Filling, and Backfilling for Structures: SECTION 312316.

1.02 REFERENCES:

- A. Applicable Standards:
 - 1. American Association of State Highway and Transportation Officials (AASHTO):
 - a. M147 - Materials for Aggregate and Soil-Aggregate Subbase, Base and Surface Courses.
 - b. T99 - The Moisture-Density Relations of Soils Using a 5.5-Pound Rammer and a 12-Inch Drop.
 - c. T104 - Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate.
 - 2. American Society for Testing and Materials (ASTM):
 - a. D4253 - Test Method for Maximum Index Density of Soils Using a Vibratory Table.
 - b. D4254 - Test Method for Minimum Index Density and Unit Weight of Soils and Calculation of Relative Density.
 - 3. Occupational Safety and Health Administration (OSHA):
 - a. Part 1926 - Safety and Health Regulations for Construction.
 - 4. ~~Illinois Indiana~~ Department of Transportation (~~INDOT~~) Standard Specifications, latest edition.

1.03 SUBMITTALS:

- A. Submit as specified in DIVISION 1.
- B. Where selecting an option for excavation, trenching, and shoring in compliance with local, state, or federal safety regulations such as "OSHA Part 1926" or successor regulations, which require design by a registered professional engineer, submit (for information only and not for Engineer approval) the following:
 - 1. Copies of design calculations and notes for sloping, benching, support systems, shield systems, and other protective systems prepared by or under the supervision of a professional engineer legally authorized to practice in the jurisdiction where the Project is located.
 - 2. Documents provided with evidence of registered professional engineer's seal, signature, and date in accordance with appropriate state licensing requirements.

PART 2 - PRODUCTS

2.01 GRANULAR PIPE EMBEDMENT:

- A. Material:

SECTION 312333 - TRENCHING AND BACKFILLING FOR UTILITIES: continued

- 1. Select granular materials conforming to the requirements of the Illinois Department of Transportation (IDOT) Standard Specifications, latest Edition.
 - B. Gradation:
 - 1. IDOT Coarse Aggregate No. 76.
- 2.02 TRENCH STABILIZATION MATERIAL:
- A. Material shall be one of the following:
 - 1. As specified in this PART 2 Granular Pipe Embedment.
 - 2. Conform to AASHTO M147, Gradation A or B.
- 2.03 TRENCH BACKFILL MATERIALS:
- A. Obtain from the following:
 - 1. Trenches and other excavations included in this Project.
 - 2. Borrow from location off Site.
 - 3. As indicated. specified for pipe embedment-
 - 4. Combination of above.
 - B. Free from organic matter, refuse, ashes, cinders, frozen, or other unsuitable material.
 - C. Gravel, rock, or shale particle size limited as follows:
 - 1. Not to exceed 2 inches in greatest dimension within 12 inches of pipe or conduit and upper 18 inches of trench.
 - 2. Maximum dimension one-half the depth of layer to be compacted in other areas.
 - D. Contain sufficient fine materials to provide a dense mass free of voids and capable of satisfactory compaction.
 - E. Have moisture content enabling satisfactory placement and compaction.
 - F. Blended or otherwise processed to provide required gradation and moisture content.
 - G. Use granular material as specified for pipe embedment under pavements, shoulders, driveways, and access roads.

PART 3 - EXECUTION

- 3.01 TRENCHING:
- A. Equipment and Methods:
 - 1. Types of Equipment and methods may be at Contractor's option, where structures or other facilities are not endangered.
 - 2. Equipment and methods shall be subject to approval of jurisdictional agency where stability or usefulness of other facilities may be impaired.
 - 3. Perform by hand methods when required to save or protect trees, culverts, utilities, or other structures above or below ground.
 - B. Side Walls:
 - 1. Make vertical or slope within specified trench-width limitations below a horizontal plane 12 inches above top of pipe.
 - 2. Vertical or sloped (stepped) as required for stability, above a horizontal plane 12 inches above top of pipe.
 - 3. Sheet and brace where necessary. Conform to applicable requirements of SECTION 312316.
 - 4. Excavate without undercutting.
 - C. Trench Depth:
 - 1. Depth shall be sufficient to provide the minimum bedding requirements for the pipe being placed.

SECTION 312333 - TRENCHING AND BACKFILLING FOR UTILITIES: continued

2. Do not exceed the indicated depth where conditions of bottom are satisfactory.
3. Increase depth as necessary to remove unsuitable supporting materials.
- D. Trench Bottom:
 1. Protect and maintain when suitable natural materials are encountered.
 2. Remove rock fragments and materials disturbed during excavation or raveled from trench walls.
 3. Restore to proper subgrade with trench-stabilization material or timber mat topped with trench-stabilization material when overexcavated:
 - a. Correct, at no additional cost to Owner, when trench is overexcavated without authority or to stabilize bottom rendered unsuitable through negligence or improper operations.
 - b. Placement of Trench Stabilization Material:
 - (1) Compact in lifts not exceeding 6-inch loose thickness:
 - (a) With pneumatic or vibratory equipment.
 - (b) To density specified for granular pipe embedment.
- E. Trench Width:
 1. Excavate trench to a width which will permit satisfactory jointing of the pipe and thorough tamping of the bedding.
- F. Trenching in Fill Areas: Perform trenching in fill areas only after compacted fill has reached an elevation of not less than 1 foot above the top of the pipe.
- G. Test Pits:
 1. Excavate test pits sufficiently in advance of trenching to enable adequate planning of construction procedure.
 2. Locate as follows:
 - a. Where unstable material is suspected that may require special protective measures.
 - b. Where groundwater may require special handling methods.
 - c. Where advisable to assess adequacy of blasting pattern.
 - d. Where indicated or otherwise approved.
 - e. Where interference or conflict with other utilities or structures could affect alignment of pipe.
 3. With lateral dimension not less than minimum trench width specified for location excavated.
 4. To depth required to obtain information desired.

3.02 PIPE EMBEDMENTS:

- A. Granular Pipe Embedment:
 1. Place granular embedment as follows:
 - a. Level bottom layer at proper grade to receive and uniformly support pipe barrel throughout its length.
 - b. Form depression under each joint so that no part of bell or coupling is in contact with trench when pipe is placed in position.
 - c. Add second layer simultaneously to both sides of the pipe with care to avoid displacement.
 - d. Complete promptly after completion of jointing operations and approval to proceed.
 - e. Substitute for any part of earth backfill to within 2 feet of final grade at Contractor's option.
 2. Compact granular bedding as follows:
 - a. In lifts not exceeding 12 inches in compacted depth.

SECTION 312333 - TRENCHING AND BACKFILLING FOR UTILITIES: continued

- b. Rod, spade, or use pneumatic or vibratory equipment:
 - (1) As required to obtain not less than 80% relative density as determined by ASTM Method D4253 and D4254.
 - (2) Throughout depth of embedment.

3.03 BACKFILLING:

A. Placement:

- 1. Complete promptly after approval to proceed:
 - a. Upon completion of pipe embedment.
- 2. Use hand methods to a horizontal plane 12 inches above top of pipe barrel.
- 3. Place in layers of thickness within compacting ability of equipment used.
- 4. Until compacted depth over conduit exceeds 3 feet, do not drop fill material over 5 feet. Then distance may be increased 2 feet for each additional 1 foot of cover. Backfill conduit trenches in layers of 4 to 8 inches.

B. Compaction:

- 1. Perform at moisture content necessary to achieve required results with equipment used.
- 2. Perform with spreading equipment supplemented by hand-operated equipment and rollers as required to obtain density specified.
- 3. Accomplish without inundation or flooding.
- 4. Achieve following densities:
 - a. Unless otherwise specified, adequate to prevent significant future settlement.
 - b. Under pavements, shoulders, and access roads:

	<u>Cohesive Soils</u>	<u>Cohesionless Soils</u>
Entire depth	95%	80%
c. Under non-paved areas: Entire depth - 85%.		

- 5. Backfill failing to meet required densities shall be removed or scarified and recompacted as necessary to achieve specified results.

3.04 CHANNEL EXCAVATION:

- A. Conform to applicable requirements of SECTION 312000.
- B. Maintain area drainage during construction.
- C. Complete channel protection expeditiously following excavation.

3.05 FIELD QUALITY CONTROL:

- A. Compaction: Contractor shall, through services of an independent laboratory, test all trench-stabilization material, granular pipe embedment, earth-pipe embedment, clay cut-off walls, and trench backfill to determine conformance with specified moisture- density relationships:
 - 1. Method of test will be as specified in SECTION 312000, PART 3.

END OF SECTION 312333

SECTION 333100 - GRAVITY PIPE

PART 1 - GENERAL

1.01 SUMMARY:

- A. This Section includes all gravity pipe, fittings and specials.
- B. Related Work Specified Elsewhere:
 - 1. Utility Structures: SECTION 333900.
 - 2. Pipe Installation: SECTION 333150.

1.02 REFERENCES:

- A. Applicable Standards:
 - 1. American Society for Testing and Materials (ASTM):
 - a. A307 - Carbon Steel Bolts and Studs, 60,000 PSI Tensile Strength.
 - b. C76 - Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe.
 - c. C150 - Portland Cement.
 - d. C361 - Reinforced Concrete Low-Head Pressure Pipe.
 - e. C443 - Joints for Circular Concrete Sewer and Culvert Pipe, Using Rubber Gaskets.
 - f. C497 - Testing of Concrete Pipe, Manhole Sections, or Tile.
 - g. C506 - Reinforced Concrete Arch Culvert, Storm Drain, and Sewer Pipe.
 - h. C507 - Reinforced Concrete Elliptical Culvert, Storm Drain, and Sewer Pipe.
 - i. G62 - Test Methods for Holiday Detection in Pipeline Coatings.
 - 2. Illinois Department of Transportation (IDOT):
 - a. Section 550 of the Standard Specifications for Road and Bridge Construction.
 - b. Section 1042 of the Standard Specifications for Road and Bridge Construction.
 - 3. Federal Specification (FS):
 - a. SS-S-00210 - Sealing Compound, Preformed Plastic, for Expansion Joints and Pipe Joints.
 - 4. Society for Protective Coatings (SSPC):
 - a. SP5 - White Metal Blast Cleaning.
 - b. SP7 - Brush-Off Blast Cleaning.
 - c. SP10 - Near White Blast Cleaning.

1.03 SUBMITTALS:

- A. Submit as specified in DIVISION 1.
- B. Submit the following for acceptance prior to fabrication:
 - 1. Pipe and joint details.
 - 2. Special, fitting and coupling details.
 - 3. Laying and installation schedule.
- C. Certificates and Affidavits:
 - 1. Submit as specified in DIVISION 1.
 - 2. Furnish the following prior to shipment:
 - a. Affidavit of compliance with applicable standard.
 - b. Test certificates.

1.04 QUALITY ASSURANCE:

- A. Manufacturer:
 - 1. Experienced in the design, manufacture and commercial supplying of the specific material for a minimum period of five years.

SECTION 333100 – GRAVITY PIPE: continued

2. Experienced in the design, manufacture, and commercial supplying of the specific size of pipe for a minimum period of three years.
3. Certify to above minimum experience requirements.

1.05 DELIVERY, STORAGE AND HANDLING:

PART 2 - PRODUCTS

2.01 PIPE REQUIREMENTS:

- A. Furnish pipe of materials, joint types, sizes, and strength classes indicated or specified. Higher strengths may be furnished at Contractor's option. Furnish maximum pipe lengths produced by the manufacturer.
- B. Pipe shall be designed as follows:

<u>Drawing</u>	<u>Station</u>	<u>Pipe Size</u>	<u>Designation</u>
C001	9+92 TO 10+17	24"	TY 1 CL IV
C001	10+17 TO 11+13	24"	TY 4 CL V
C001	11+13 TO 11+85	24"	TY 2 CL IV
C001 TO C005	11+85 TO 31+74	36"	TY 2 CL III
C005	30+66 LATERAL	18"	TY 1 CL IV
C005	31+05 LATERAL	18"	TY 1 CL IV
C005	31+74 LATERAL	24"	TY 1 CL IV
C005 TO C008	31+74 TO 47+66	48"	TY 2 CL III
C008 TO C011	47+66 TO 60+52	60" X 38"	TY 2 CL III

<u>Drawing</u>	<u>Station</u>	<u>Pipe Size</u>	<u>Designation</u>
C001	10+02 TO 10+07	24"	TY 1 CL IV
C001	10+07 TO 11+13	24"	TY 4 CL V
C001	11+13 TO 11+85	24"	TY 2 CL IV
C001	11+83 TO 14+42	30"	TY 2 CL III
C001 TO C005	14+42 TO 31+74	36"	TY 2 CL III
C005	30+66 LATERAL	18"	TY 1 CL IV
C005	31+05 LATERAL	18"	TY 1 CL IV
C005	31+74 LATERAL	24"	TY 1 CL IV
C005 TO C008	31+74 TO 47+66	48"	TY 2 CL III
C008 TO C011	47+66 TO 60+52	60" X 38"	TY 2 CL III

- C. Pipe Bedding: As specified and as indicated.
- D. Pipe Marking:
 1. All pipe, fittings and specials shall be marked conforming to the applicable standard specification under which the pipe is manufactured and as otherwise specified.
 2. Mark field location of fittings and specials by station.
- E. Pipe Gaskets: All elastomeric gaskets and seals shall be synthetic rubber.

2.02 DUCTILE-IRON PIPE:

- A. Design and Manufacture of Pipe:
 1. Ductile iron gravity sewer pipe shall conform to ASTM A746 except as otherwise specified.

SECTION 333100 – GRAVITY PIPE: continued

- B. Dimensions:
 - 1. The minimum thickness class for ductile iron pipe shall be Class 52.
- C. Joints:
 - 1. Provide push-on joints conforming to AWWA C111 for all buried pipe unless otherwise specified or indicated.
 - 2. Flanges for pipe shall be ductile iron and conform to the applicable provisions of AWWA C115.
- D. Fittings:
 - 1. Conform to AWWA C110 and be ductile iron.
 - 2. Provide all specials, taps, and plugs as specified or indicated.
 - 3. Line as specified for ductile-iron pipe.
- E. Lining:
 - 1. All piping and fittings shall be lined with an amine-cured novalac epoxy containing a minimum of 20% by volume of ceramic quartz pigment. The lining shall be Protecto 401 as manufactured by INDURON Protective Coatings, Birmingham, Alabama or NovoCoat SP-2000W as manufactured by NovoCoat Protective Coatings, Addison, Texas.
 - 2. Surface preparation shall consist of grit-shot blasting or sandblasting surface to near-gray finish, comparable to SSPC-SP10.
 - 3. Lining shall be applied within 8 hours of surface preparation. The number of coats of lining applied and the time between coats shall be as recommended by the lining manufacturer.
 - 4. Total Thickness: A nominal 40 mils.
 - 5. Joint surface coating shall be Protecto Joint Compound with Protecto 401 lining system or NovoCoat SP-2000W with NovoCoat lining system. Coal tar is prohibited. Total thickness shall be 6 mils nominal and 10 mils maximum. Flange faces shall not be coated.
 - 6. Testing:
 - a. Lining shall be tested over 100% of the pipe barrel and fitting surface with a nondestructive 4,000-volt test.
 - b. All holidays shall be repaired per lining manufacturer's recommendation.
 - c. A voltage confirmation test shall be performed for each production shift or change in detector operator.
- F. Coating: All pipe and fittings shall be coated with manufacturer's standard bituminous paint coating.

2.03 REINFORCED CONCRETE PIPE:

- A. Materials:
 - 1. Conform to the following:
 - a. IDOT Section 1042.
 - b. ASTM C76, C506, and C507, except as otherwise specified.
 - 2. Portland cement shall be ASTM C150 Type II and shall not contain tricalcium aluminate in excess of 5%.
 - 3. Fine aggregate shall be as follows:
 - a. Natural sand.
 - b. Conform to requirements for concrete subject to surface abrasion.
 - 4. Rubber gaskets for joints in circular pipe shall be the following:
 - a. O-ring type, circular cross section conforming to ASTM C361 or AWWA C302.
 - b. Continuous ring, multiple seal, compression type.

SECTION 333100 – GRAVITY PIPE: continued

- (1) Conform to ASTM C443.
 - (2) Have a minimum of two rubber fins sealing against the bell.
 - (3) Be approved by Engineer.
- B. Design:
 1. Conform to IDOT Section 550 and Section 1042.
- C. Joints:
 1. Rubber to concrete compression type.
 - a. Conform to IDOT Section 1056
 - b. Conform to ASTM C361 or AWWA C302 where O-ring gaskets indicated:
 - (1) Bell and spigot.
 - (2) Gasket wholly confined in spigot groove.
 - c. Conform to ASTM C443 where O-ring type compression gaskets are not indicated:
 - (1) Provide recess or shoulder on spigot or tongue to retain gasket.
 - (2) O-ring type joints may be used as an alternate.
 - d. Provide reinforcing in joint elements to withstand combined gasket compression and differential load across joint equal to design D-load (ultimate) for one linear foot of pipe.
 - e. Weld terminal circumferential bars of helically-wound cages to provide a continuous ring of reinforcing in face of joint elements.
- D. Fittings and Specials:
 1. Fabricate as one of the following types:
 - a. Concrete pipe sections cut while still green, reinforcing exposed and welded together at junctions and miters. Splice built up to nominal wall thickness with mortar or concrete. After installation, encase with concrete as indicated.
 2. Miters shall not exceed 30° at deflection angles between segments.
 3. Minimum centerline curve radius shall not be less than twice the pipe diameter unless otherwise indicated.
 4. Provide strength equal to design D-loads of adjacent pipe.
- E. Manufacture:
 1. With precision adequate to meet tolerances required for joints specified.
 2. Include steam curing, water curing, or combination thereof as included in applicable standard.
- F. Basis of Acceptance:
 1. Per physical test requirements of applicable manufacturing standard and ASTM C497.
- G. Inspection and Testing:
 1. Primarily by manufacturer's testing laboratory and quality control personnel.
 2. Perform to avoid insofar as possible, delivery of defective pipe.
 3. May be witnessed by Owner, Engineer, or approved independent testing laboratory.
 - a. Independent testing laboratory, when used, shall be retained by Owner at no expense to Contractor.
 - b. Contractor and manufacturer shall cooperate with Owner's inspection and test personnel. Permit unrestricted access, furnish reasonable space and facilities, and provide adequate advance notice of test schedule.
 4. Contractor shall provide 3 copies each of certified test reports to Engineer, including:
 - a. Mill tests on steel, cement, and gasket materials throughout manufacture and delivery period.
 - b. Aggregate tests prior to start of manufacture and when requested by Owner (normally, not to exceed one sieve analysis per week during manufacturing period).

SECTION 333100 – GRAVITY PIPE: continued

- c. Concrete Compression Tests:
 - (1) Perform on cores taken from one pipe section of each size each day until first 10% of each size has been cast.
 - (2) Perform on cores taken from one pipe section for each 150 m (500 feet) of each size produced thereafter.
 - (3) Perform on molded cylinders on days of production during which pipe cores not required.
- d. Concrete absorption tests shall be conducted on samples from each pipe cored for compressive-strength tests.
- e. Hydrostatic Tests:
 - (1) Test to conform to ASTM C361, C443, or AWWA C302, as applicable.
 - (2) Test to 120% of maximum field test pressure designated.
 - (3) On at least one assembled joint of each pipe size prior to delivery.
- 5. Test Specimens:
 - a. Owner may authorize manufacturer to select test specimens.
 - b. Mark positively to identify specimen with test.
 - c. Repair core holes when cores successfully meet strength and absorption requirements.
 - (1) With concrete of same cement and aggregate proportions as original mix.
 - (2) With minimum water for placing.
- 6. Owner reserves right to inspect and sample pipe after delivery and to reject pipe failing to meet minimum requirements.
- H. Handling and Delivery:
 - 1. Do not deliver until representative concrete compressive specimens have attained 80% of specified minimum 28-day strength.
 - 2. Do not deliver until a minimum of 7 days after manufacture.
 - 3. Use equipment and methods adequate to preserve quality.
 - a. Protect joint elements.
 - b. Prevent shock contact of adjacent units during moving or storage.
 - 4. Lift holes will be allowed.

2.04 GASKETS AND BOLTING MATERIALS:

- A. Provide all gaskets, bolts, lubricant, and other accessories required to install pipe, fittings and specials complete and ready for service.
- B. Gaskets for flanged joints shall conform to AWWA C115, 1/8-inch-thick, full-face synthetic rubber.
- C. Bolts for flanged joints shall conform to ASTM A307, Grade B. Nut and bolt heads shall be hexagonal.
- D. Gaskets and bolts for other than flanged joints shall be as otherwise specified for pipe and pipe joints.

PART 3 - EXECUTION

- 3.01 INSTALLATION: Specified in SECTION 333150.

SECTION 333100 – GRAVITY PIPE: continued

3.02 FIELD TESTING: Specified in SECTION 333150.

END OF SECTION 333100

PROJECT QUANTITIES
NORTHWEST SEWER AND OUTFALL, VILLAGE OF RANTOUL

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	144
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	160
20100200	TREE REMOVAL, ACRES	ACRE	0.038
20101000	TEMPORARY FENCE	FOOT	1,500
20800150	TRENCH BACKFILL	CU YD	270
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	14,865
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	30
21400100	GRADING & SHAPING DITCHES	FOOT	1,092
25000115	SEEDING, CLASS 1B	ACRE	1.612
25000210	SEEDING, CLASS 2A	ACRE	0.219
25000300	SEEDING, CLASS 3	ACRE	1
28100105	STONE RIPRAP, CLASS A3	SQ YD	100
28100109	STONE RIPRAP, CLASS A5	SQ YD	215
35800100	PREPARATION OF BASE	SQ YD	2,341
35800200	AGGREGATE BASE REPAIR	TON	193
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,288
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	2,341
40300500	COVER COAT AGGREGATE	TON	29
40300600	SEAL COAT AGGREGATE	TON	29
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	180
44000100	PAVEMENT REMOVAL, FULL DEPTH	SQ YD	733
44000600	SIDEWALK REMOVAL	SQ FT	135
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	38
44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	717
50105220	PIPE CULVERT REMOVAL	FOOT	164
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	86
542D0217	PIPE CULVERT, CLASS D, TYPE 1 12"	FOOT	78
54213669	PRECAST CONCRETE FLARED END SECTIONS 24"	EACH	1
54263348	CONCRETE END SECTION, STANDARD 542011, 48", 1:3	EACH	1
550A2340	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 1, 18", RCP	FOOT	109
550A2360	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 1, 24" RCP	FOOT	69
550A2560	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 2, 24" RCP	FOOT	72
550A2600	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 2, 36", RCP	FOOT	1,988
550A2620	STORM SEWER, RUBBER GASKET, CLASS A, TYPE 2, 48", RCP	FOOT	1,593
550A2960	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 4, 24", RCP	FOOT	95
550A5510	STORM SEWER, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 48"	FOOT	1,285
55101200	STORM SEWER REMOVAL 24"	FOOT	4,714
55101400	STORM SEWER REMOVAL 30"	FOOT	103
56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	40
60200805	CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 8 GRATE	EACH	2
60218400	MANHOLE, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60221100	MANHOLE, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6
60223700	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
60223800	MANHOLE, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60224005	MANHOLE, TYPE A, 6' DIAMETER, TYPE 8 GRATE	EACH	2
60224446	MANHOLE, TYPE A, 7' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4
60224459	MANHOLE, TYPE A, 8' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60500040	REMOVING MANHOLES	EACH	14
60500060	REMOVING INLETS	EACH	3
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	270
67100100	MOBILIZATION	L SUM	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0068400	STEEL CASINGS 42"	FOOT	71
	TRAFFIC CONTROL AND PROTECTION	L SUM	1
	FIELD TILE CONNECTION TO PROPOSED SEWER 8" DIA AND LESS	EACH	5
	FIELD TILE CONNECTION TO PROPOSED SEWER GREATER THAN 8" DIA	EACH	2
	FIELD TILE REPAIR 8" DIA AND LESS	EACH	5
	FIELD TILE REPAIR GREATER THAN 8" DIA	EACH	2
	CHANNEL CLEANING AND DREDGING	FOOT	884
	CLOSING INVERT, BRICK & MORTAR	EACH	11
	CHISEL PLOWING	L SUM	1
	STORMWATER POLLUTION PREVENTION PLAN	L SUM	1
	POTHOLE EXISTING UTILITY	EACH	2
	CHAIN LINK FENCE TO BE REMOVED AND REPLACED	FOOT	156
	COORDINATION WITH CANADIAN NATIONAL	L SUM	1



no.	date	by	ckd	description
0	09/03/15	TRD	JMD	ISSUED FOR BID
1	09/21/15	TRD	JMD	ADDENDUM NO. 1
2	09/24/15	TRD	JMD	ADDENDUM NO. 2

**BURNS
MCDONNELL**

1431 OPUS PLACE SUITE 400
DOWNERS GROVE, IL 60515
630-724-3200
LICENSEE NO. 184.001310

date	SEPTEMBER 2015	detailed	T. DUNSEITH
designed	J. DARLINGTON	checked	R. PATCHETT

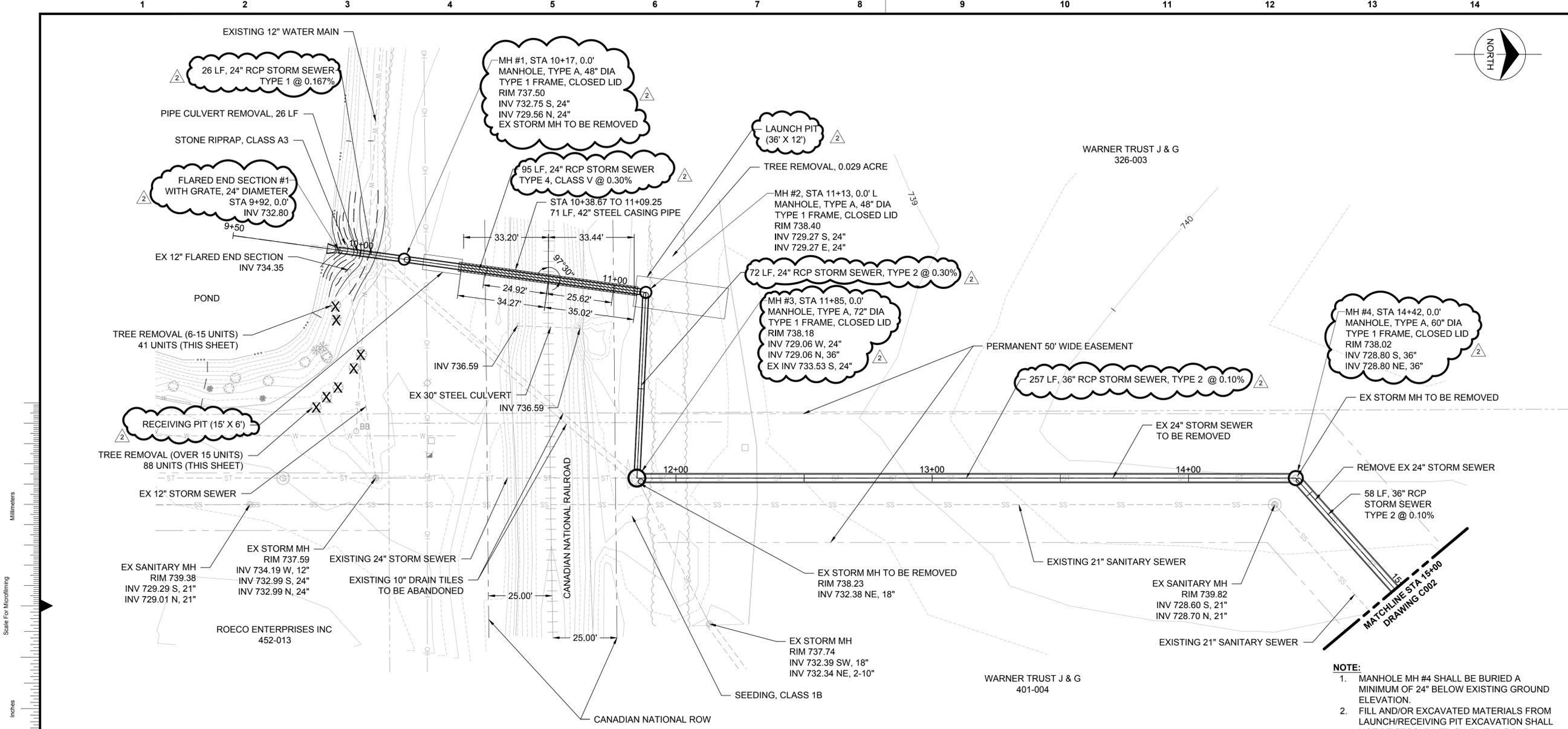
VILLAGE OF
Rantoul
ILLINOIS

Champaign County, Illinois

**NORTHWEST SEWER AND OUTFALL
SUMMARY OF QUANTITIES**

project	78333	contract	-
drawing	G003	rev.	2
sheet	3	of	29 sheets
file 78333G003.DWG			

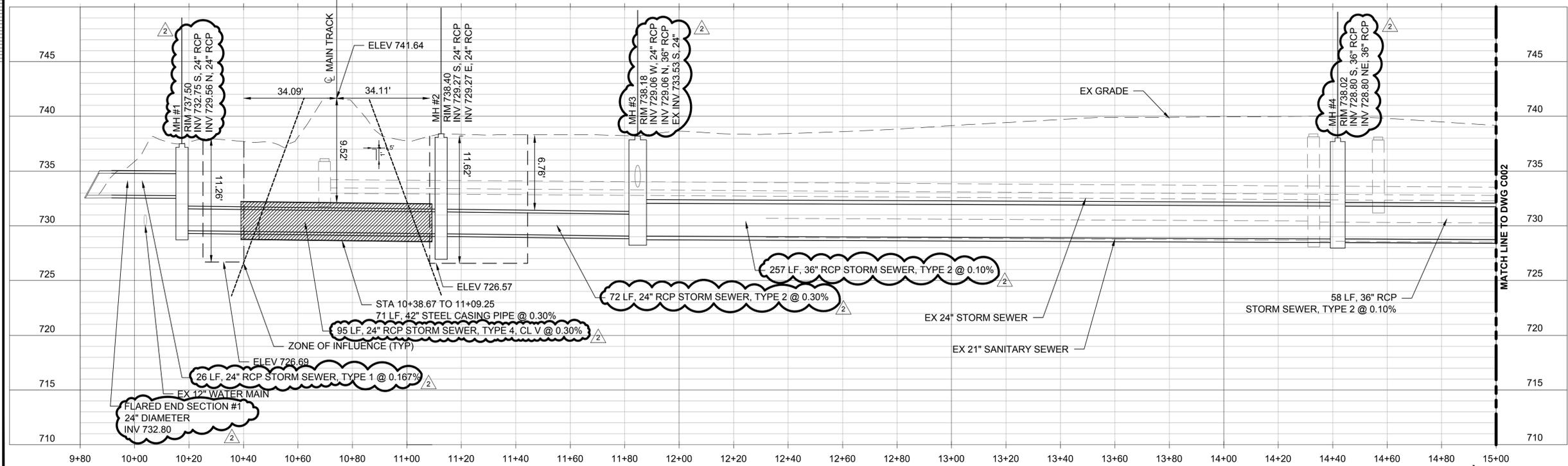
no.	date	by	ckd	description
0	09/03/15	TRD	JMD	ISSUED FOR BID
2	09/24/15	TRD	JMD	ADDENDUM NO. 2



Scale For Microfitting
Millimeters

Inches

- NOTE:**
1. MANHOLE MH #4 SHALL BE BURIED A MINIMUM OF 24" BELOW EXISTING GROUND ELEVATION.
 2. FILL AND/OR EXCAVATED MATERIALS FROM LAUNCH/RECEIVING PIT EXCAVATION SHALL NOT BE STOCKPILED ON CN RAILROAD PROPERTY.



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NORTHWEST SEWER AND OUTFALL
PLAN AND PROFILE
STA. 9+50 TO 15+00

project	78333	contract	
drawing	C001	rev.	2

sheet 4 of 29 sheets
file 78333C001.DWG

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