

To: Sondra Campbell

AECOM 800 LaSalle Avenue Minneapolis, MN 55402 aecom.com

Project name:

St Cloud PFAS Forensics

Project ref: 60751056 – 1.2

Date: June 30, 2025

Memo

AECOM Technical Services, Inc. (AECOM) completed the following Limited Phase I Environmental Site Assessment (Phase I ESA) of the property located at 4958 County Road 8 Southeast (SE), St. Cloud, Sherburne County, MN 56304. This Limited Phase I ESA was performed pursuant to AECOM Technical Services, Inc. (AECOM's) written proposal, dated March 18, 2025, for the site addressed as 4958 County Road 8 Southeast, St. Cloud, MN 56304 (herein referred to as the "subject property"). The primary purpose this Limited Phase I ESA is to assess the area surrounding the subject property to determine whether additional potential sources of Per- and Polyfluoroalkyl Substances (PFAS) may have impacted soil or groundwater at the subject property.

This Limited Phase I ESA does not meet standards specified in the current American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments (E 1527-21) nor the Federal promulgated "All Appropriate Inquiry" (AAI) Final Rule (40 CFR Part 312). The scope of work for this Limited Phase I ESA consisted of a review of a review of the historic use of the subject and adjoining properties via publicly available aerial photographs and a review of available Federal and State databases. A site visit to the subject property was not completed and state/local governmental agencies were not contacted.

Subject Property Description

The subject property consists of an approximately 50-acre parcel identified as parcel 25-00030-1400 by the Sherburne County Assessor's office located approximately 5.5 miles southeast of St. Cloud, Minnesota. The subject property is located northeast of the intersection of 52nd St SE and County Rd 8 SE. The northeast portion of the subject property is developed with a homestead consisting of a single-family home and at least six outbuildings of various sizes including a farm silo. The southwest portion of the subject property is occupied by utility-scale photovoltaic panel solar farm. The northwestern area of the subject property appears to be a grass and tree covered area. A high-voltage utility line crosses the subject property along a southeast-northwest axis.

Subject Property and Adjoining Area History

Historical information for the subject property and surrounding properties was based on AECOM's review of aerial photographs dated 1938, 1951, 1958, 1965, 1973, 1977, 1984, 2006, 2010, 2015, and 2019.

Aerial photography from 1938 through 1977 depicts the subject property as occupied by an apparent farmstead consisting of several buildings near its northeast corner with the remainder occupied by agricultural land. The 1984 aerial photograph depicts the northeast corner of the site as occupied an apparent single-family residence (SFR) with three or more detached sheds and garages as well as various materials and equipment stored outside. The remainder of the subject property appears to be occupied by pasture or row crop agricultural land. The 2010 and 2015 depict the subject property similarly to the 2006 aerial photograph. The 2019 aerial photograph depicts the subject property similar to previous aerial photo photographs other than the southern approximately two-thirds of the subject property is occupied by the solar farm. The solar farm on the subject property is depicted as bisected roughly in its middle by an east-west access road.

Aerial photography from 1938 through 1965 depicts the adjoining property to the east to be County Road 8 Southeast with agricultural cropland beyond, to the south, the adjoining property to the south to be 52nd St SE with agricultural cropland beyond, and the adjoining property to the west and south to be agricultural cropland. The 1973 aerial photograph depicts the adjoining properties as relatively unchanged from the previous aerial photographs with the exception that two buildings (possible SFR) are visible of 52nd St SE just to the west of the intersection of County Road 8 SE and 52nd St SE. The 1977 aerial photograph depicts the adjoining properties as relatively unchanged from the previous aerial photographs with the exception that the western most of the two SFR visible south of 52nd St SE has two additional visible buildings on the property. The 1984 aerial photograph depicts the adjoining properties as relatively unchanged from the previous aerial photographs with the exception that additional SFR residences are visible south of 52nd St SE near the southwest corner of the subject property. The 2006 aerial photograph depicts the adjoining properties as relatively unchanged from the previous aerial photographs with the exception that seven or eight SFR residences are visible adjoining the subject property to the north and a SFR is visible to the east of the northeast corner of the subject property beyond County Road 8 Southeast. The 2010 through 2019 aerial photographs depict the adjoining properties as relatively unchanged from the previous aerial photographs.

Previously Prepared Environmental Reports

One previously prepared environmental report was provided for AECOM's review during the course of this assessment, Information regarding this report is summarized as follows:

Groundwater Investigation Report, Land Application Area 4958 Couty Road 8 Southeast, Saint Cloud, Minnesota, dated December 19, 2024, Prepared by Braun Intertec for Jonny Rooter Sewer & Drain Cleaning, Inc. and the Minnesota Pollution Control Agency

Braun Intertec (Bruan) conducted a groundwater investigation on the subject property and a domestic well sampling and analysis on the subject property and adjoining/nearby properties to assess the presence of potential contaminants including Per- and Polyfluoroalkyl Substances (PFAS) on the subject property. The following is a brief summary of the report contents:

- The MPCA issued a Notice of Violation (NOV) to Jonny Rooter Sewer and Drain, Inc. (Jonny Rooter) for the
 land application of wastewater collected from industrial and residential properties to the fields located at the
 subject property. AECOM note: based on internet search, Jonny Rooter appears to utilize the subject property
 address as its business address.
- The City of Saint Cloud utilized the southern portion of the subject property to dispose of over one million gallons of wastewater treatment plan (WWTP) biosolids as a soil amendment between 2000 and 2006. The report also notes that three additional properties located north, northeast and east and within 1-mile of the subject property were issued permits to land apply biosolids as a soil amendment.
- . The report notes the presence of a drinking water well and septic system on the subject property.
- Fourteen shallow (<5 ft) borings to conduct soil sampling were completed. Various petroleum VOC and Perfluorooctanoic acid (PFOA) were detected in a number of the borings though the results did not exceed Residential/Recreational threshold values.
- Groundwater was encountered less 30 feet below ground surface and the monitored groundwater flow direction was to the south-southwest.
- Concentrations of Perfluorooctane sulfonate (PFOS) and PFOA were detected in the four permanent groundwater monitoring wells installed on the subject property
- Concentration of PFAS compounds were detected in the subject property and sampled adjoining/nearby properties drinking water wells.

Database Review

In accordance with the scope of work, a search of various governmental databases was conducted by EDR. The site-specific environmental database report was reviewed to evaluate if soil and or groundwater from on-site and/or off-site sources of concern has the potential to impact the subject property. The database abbreviations are provided in the site-specific environmental database report. It should be noted that this information is reported as AECOM received it from

EDR, which in turn reports information as it is provided in various government databases. It is not possible for either AECOM or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. A list of the databases searched, and their respective search distances are provided in the attached EDR report.

According to the EDR report, the subject property is identified on the Facility Index System (FINDS), National Pollutant Discharge Elimination System (NPDES), and What's in my Neighborhood (WIMN) databases searched by EDR.

- The FINDS listing identifies the subject property as two different solar projects, Fastsun 21 CSG and Saint Cloud PV Project. The FINDS database lists Fastsun 21 CSG on the Energy Information Administration-860 (EIA-860) Database.
- The NPDES and WIMN listings identify the subject property for inactive construction stormwater permits.
 Permits were effective from September 4, 2018, to February 28, 2019, and October 1, 2019, to August 5, 2020.

According to the environmental database report, six sites were identified within their respective EDR search distances from the subject property. Five of the database listings in the EDR report were under the WIMN, FINDS, and NPDES databases associated with expired or closed construction stormwater permits and are not considered a likely environmental concern. Due to proximity to the subject property, the following site is discussed in additional detail:

Saint Augusta Landfill, at 4901 Heatherwood Ln, is located approximately 1-mile southwest of the subject property and listed in the EDR report under the State Hazardous Waste Sites (SHWS), Solid Waste Facilities/Landfills (SWF/LF), INST Control, Substance Registry Services (SRS), NPDES, and WIMN databases. The site is identified as a closed landfill in the database report and is located on the opposite side of the Mississippi River from the subject property. Given the intervening river and the inferred groundwater flow direction at the subject property towards the southwest, the landfill is not considered a likely environmental concern.

Conclusion

Based on the information obtained for this assessment, this Limited Phase I ESA did not identify any additional potential offsite sources of PFAS that may have impacted the subject property. As established in the existing documentation reviewed as part of this assessment, the presence of PFOS and PFOA detected in groundwater at the subject property would be considered a Recognized Environmental Condition (REC) under the ASTM E 1527-21 standard. Please contact us if you have any questions or comments regarding this report.

4958 County Rd 8

4958 County Rd 8 Saint Cloud, MN 56304

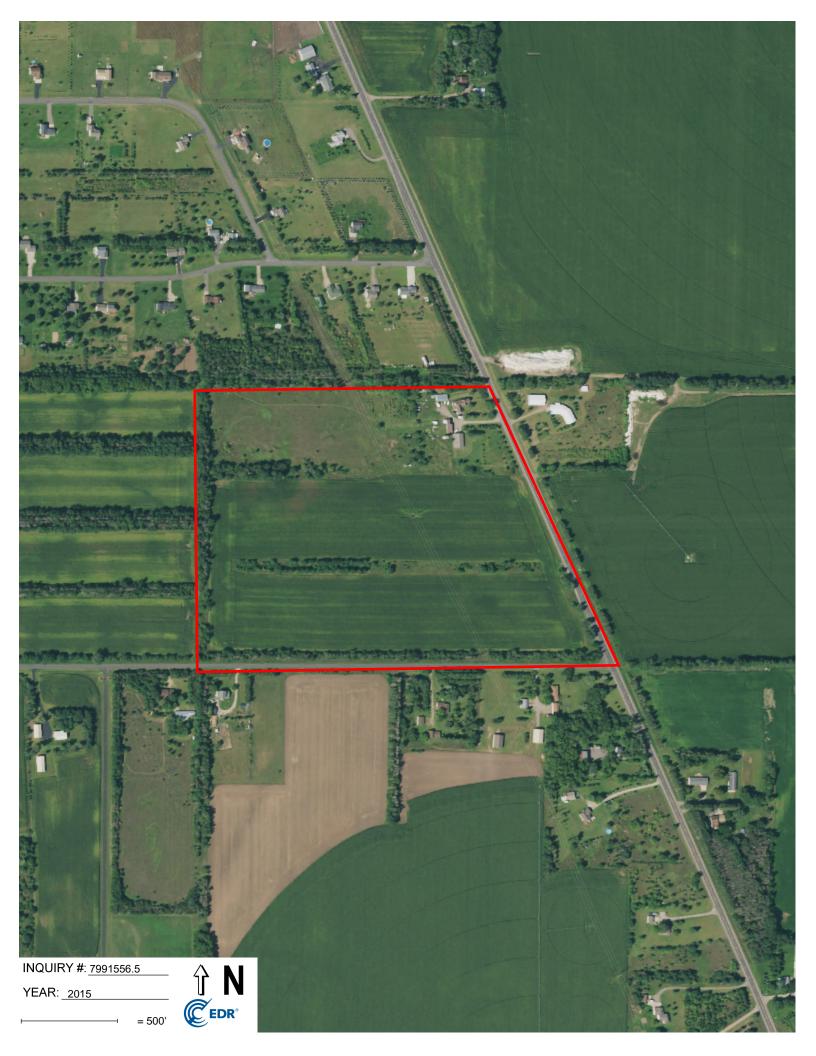
Inquiry Number: 7991556.5

May 16, 2025

The EDR Aerial Photo Decade Package











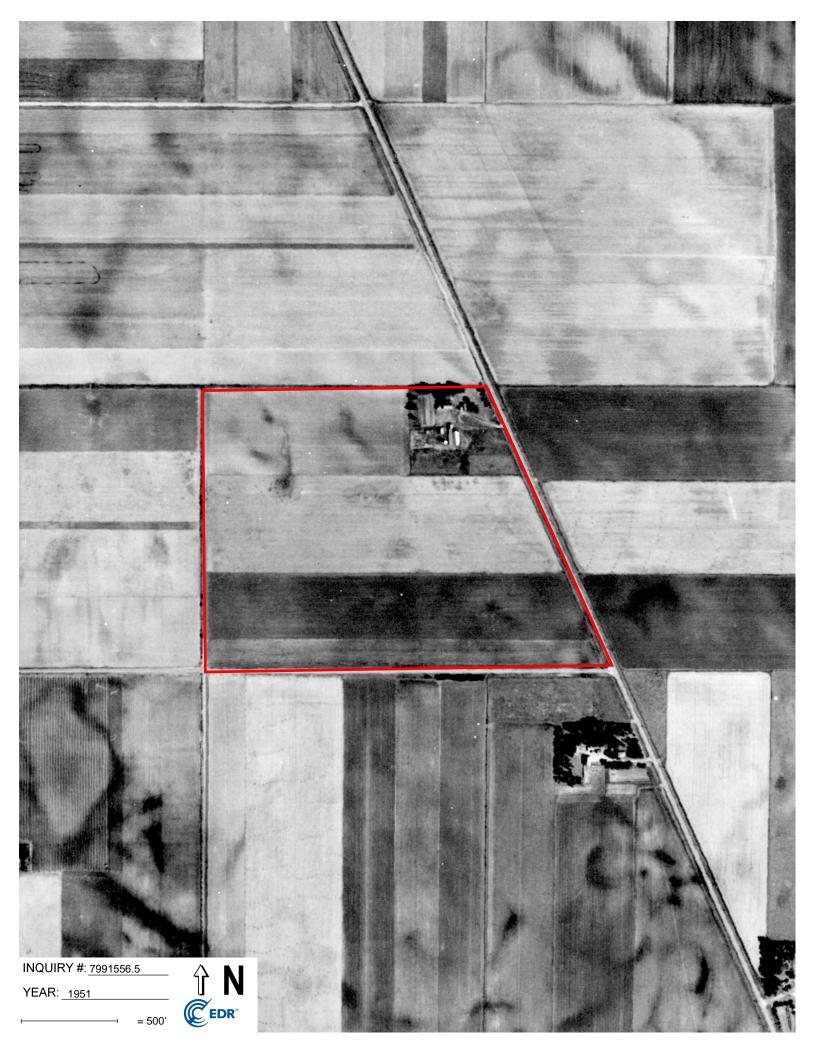














4958 County Rd 8 4958 County Rd 8 Saint Cloud, MN 56304

Inquiry Number: 7991556.3

May 16, 2025

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

05/16/25

Site Name: Client Name:

4958 County Rd 8 AECOM

4958 County Rd 8 800 Lasalle SUITE 500
Saint Cloud, MN 56304 Minneapolis, MN 55402
EDR Inquiry # 7991556.3 Contact: Emily Pearson



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

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

Certified Sanborn Results:

Certification # C301-4ECA-A484

PO# NA

Project 60751056

UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: C301-4ECA-A484

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

✓ Library of Congress

University Publications of America

▼ EDR Private Collection

The Sanborn Library LLC Since 1866™

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EDR Aerial Photo Decade Package

05/16/25

Site Name: Client Name:

4958 County Rd 8 AECOM

4958 County Rd 8 800 Lasalle SUITE 500
Saint Cloud, MN 56304 Minneapolis, MN 55402
EDR Inquiry # 7991556.5 Contact: Emily Pearson



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
			
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1984	1"=500'	Flight Date: May 09, 1984	NHAP
1977	1"=500'	Flight Date: April 26, 1977	Hurd
1973	1"=500'	Flight Date: September 11, 1973	USDA
1965	1"=500'	Flight Date: August 12, 1965	USDA
1958	1"=500'	Flight Date: August 02, 1958	USDA
1951	1"=500'	Flight Date: July 13, 1951	USDA
1938	1"=500'	Flight Date: October 29, 1938	USDA

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4958 County Rd 8

4958 County Rd 8 Saint Cloud, MN 56304

Inquiry Number: 07991556.2r

May 16, 2025

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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with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

4958 COUNTY RD 8 SAINT CLOUD, MN 56304

COORDINATES

Latitude (North): 45.4955620 - 45° 29' 44.02" Longitude (West): 94.1167300 - 94° 7' 0.22"

Universal Tranverse Mercator: Zone 15 UTM X (Meters): 412744.1 UTM Y (Meters): 5038392.5

Elevation: 1021 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 50008852 CLEARWATER, MN

Version Date: 2022

Northeast Map: 50008472 CABLE, MN

Version Date: 2022

Southwest Map: 50008514 SAINT AUGUSTA, MN

Version Date: 2022

Northwest Map: 50008515 SAINT CLOUD, MN

Version Date: 2022

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190730 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 4958 COUNTY RD 8 SAINT CLOUD, MN 56304

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ST. CLOUD PV PROJECT	4958 COUNTY ROAD 8 S	NPDES, WIMN		TP
A2	FASTSUN 21 CSG	4958 COUNTY ROAD 8 S	FINDS		TP
A3	SAINT CLOUD PV PROJE	4958 COUNTY ROAD 8 S	FINDS		TP
4	HARTMANN COMMUNITY S	2317 52ND ST SE	NPDES, WIMN	Lower	64, 0.012, SE
B5	HAVEN CSG	4598 COUNTY ROAD 8 S	NPDES, WIMN	Higher	1364, 0.258, North
6	FASTSUN 21, LLC	COUNTY ROAD 8	NPDES, WIMN	Lower	1590, 0.301, ENE
B7	SHERBURNE NORTH SOLA	4747 COUNTY ROAD 8,	NPDES, WIMN	Higher	1595, 0.302, North
8	HAVEN SOLAR	5700 COUNTY ROAD 8 S	NPDES, WIMN	Lower	2357, 0.446, SE
9	SAINT AUGUSTA LANDFI	4901 HEATHERWOOD LN	SHWS, SWF/LF, INST CONTROL, SRS, MN DEL PLP,	Lower	5182, 0.981, SW

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ST. CLOUD PV PROJECT 4958 COUNTY ROAD 8 S SAINT CLOUD, MN 56304	NPDES WIMN Status: Y	N/A
FASTSUN 21 CSG 4958 COUNTY ROAD 8 S ST. CLOUD, MN 56304	FINDS Registry ID:: 110070871486	N/A
SAINT CLOUD PV PROJE 4958 COUNTY ROAD 8 S HAVEN TOWNSHIP, MN 56304	FINDS Registry ID:: 110071477587	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Supe	rfund) sites
NPLProposed NPLNPL LIENS.	Proposed National Priority List Sites
Lists of Federal Delisted Ni	PL sites
Delisted NPL	National Priority List Deletions
Lists of Federal sites subje	ct to CERCLA removals and CERCLA orders
	Federal Facility Site Information listing Superfund Enterprise Management System
Lists of Federal CERCLA s	ites with NFRAP
SEMS-ARCHIVE	_ Superfund Enterprise Management System Archive
Lists of Federal RCRA facil	lities undergoing Corrective Action
CORRACTS	Corrective Action Report

Lists of Federal RCRA TSD	facilities
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
Lists of Federal RCRA general	rators
RCRA-SQG	RCRA - Large Quantity Generators RCRA - Small Quantity Generators RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)
Federal institutional control	s / engineering controls registries
US ENG CONTROLS	Land Use Control Information System Engineering Controls Sites List Institutional Controls Sites List
Federal ERNS list	
ERNS	Emergency Response Notification System
Lists of state- and tribal (Su	perfund) equivalent sites
MN PLP	•
Lists of state and tribal land	fills and solid waste disposal facilities
UNPERM LF	·
	Permitted Solid Waste Disposal Facilities
Lists of state and tribal leak	ing storage tanks
LAST	Leaking Aboveground Storage Tanks
LUST	
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
Lists of state and tribal regis	stered storage tanks
FEMA UST	Underground Storage Tank Listing
AST	Underground Storage Tank Database Aboveground Storage Tanks
INDIAN UST	Underground Storage Tanks on Indian Land
State and tribal institutional	control / engineering control registries
INST CONTROL	Site Remediation Section Database

Lists of state and tribal voluntary cleanup sites

VIC	Voluntary Inv	vestigation and	Cleanup Program
INDIAN VCP			

Lists of state and tribal brownfield sites

BROWNFIELDS..... Petroleum Brownfields Program Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY...... Recycling Facilities

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

ODI...... Open Dump Inventory

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

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

Local Lists of Hazardous waste / Contaminated Sites

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

SRS..... Site Remediation Section Database

CDL..... Clandestine Drug Labs

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

Local Land Records

LIENS	Environmental Liens
LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS......Spills Database

Other Ascertainable Records

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

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

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

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

RAATS______RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

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

Act)/TSCA (Toxic Substances Control Act)

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

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

PCB TRANSFORMER...... PCB Transformer Registration Database

RADINFO...... Radiation Information Database

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

DOT OPS..... Incident and Accident Data

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

INDIAN RESERV.....Indian Reservations

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

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

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

US MINES..... Mines Master Index File

MINES MRDS..... Mineral Resources Data System

ABANDONED MINES..... Abandoned Mines

UXO...... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing ECHO..... Enforcement & Compliance History Information

FUELS PROGRAM..... EPA Fuels Program Registered Listing

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

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

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

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

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

PFAS ATSDR..... PFAS Contamination Site Location Listing PFAS WQP..... Ambient Environmental Sampling for PFAS PFAS PROJECT..... NORTHEASTERN UNIVERSITY PFAS PROJECT PFAS NPDES..... Clean Water Act Discharge Monitoring Information

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

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

UST FINDER UST Finder Database
UST FINDER RELEASE..... UST Finder Releases Database

E MANIFEST..... Hazardous Waste Electronic Manifest System PFAS Contamination Site Location Listing

AIRS..... Permit Contact List

ASBESTOS..... Asbestos Notification Listing BULK..... Bulk Facilities Database COAL ASH..... Coal Ash Disposal Site Listing DRYCLEANERS...... Registered Drycleaning Facilities

ENF......Generators Associated with Enforcement Logs

Financial Assurance Information Listing AGVIC...... Agricultural Voluntary Investigation & Čleanup Listing

MN HWS Permit_____ Active TSD Facilities

LEAD....LEAD

MANIFEST..... Hazardous Waste Manifest Data

MDA LIS..... Licensing Information System Database Listing

MN LS....List of Sites

TIER 2..... Tier 2 Facility Listing VAPOR...... Vapor Intrusion

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR Hist Auto______EDR Exclusive Historical Auto Stations EDR Hist Cleaner_____EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of state- and tribal hazardous waste facilities

SHWS: The Superfund Site Information Listing records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Minnesota Pollution Control's Superfund Permanent List of Priorities.

A review of the SHWS list, as provided by EDR, and dated 02/21/2025 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAINT AUGUSTA LANDFI Facility Id: SR151	4901 HEATHERWOOD LN	SW 1/2 - 1 (0.981 mi.)	9	20

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

MN DEL PLP: This generally means that either no more cleanup at a site is needed or that no state superfund funding is needed for long term monitoring activities.

A review of the MN DEL PLP list, as provided by EDR, and dated 02/21/2025 has revealed that there is

1 MN DEL PLP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAINT AUGUSTA LANDFI Facility Id: SR0000151	4901 HEATHERWOOD LN	SW 1/2 - 1 (0.981 mi.)	9	20

Other Ascertainable Records

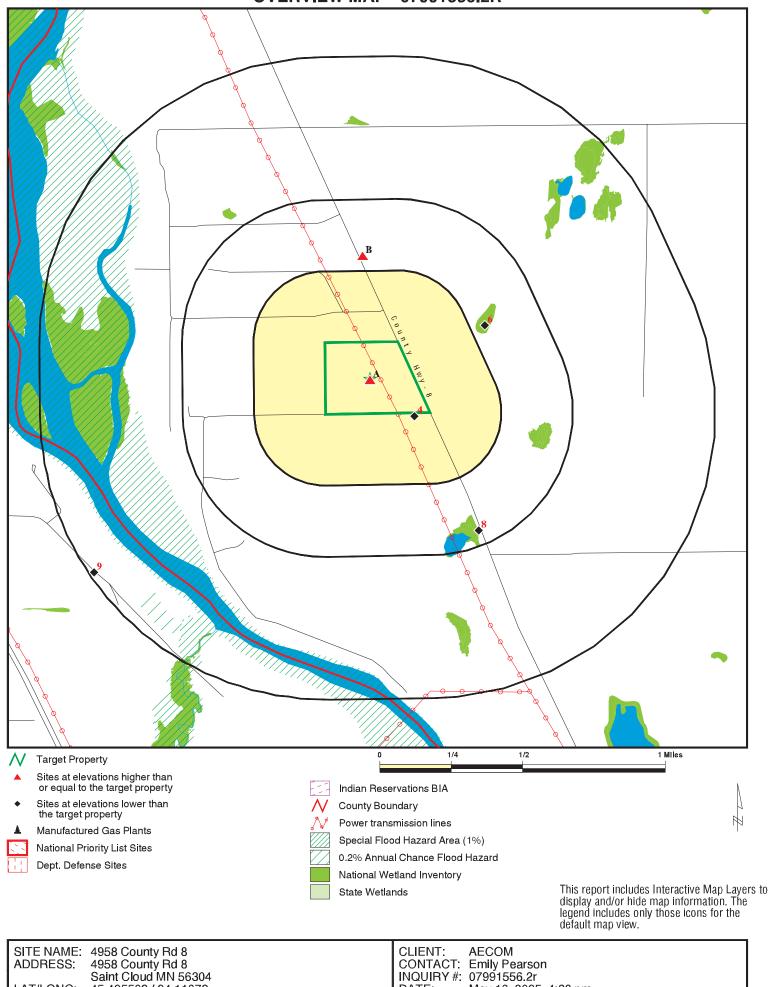
WIMN: Since 2003, the PCA's "What's in My Neighborhood?" database provides information about air quality, hazardous waste, remediation, solid waste, tanks and leaks, and water quality around Minnesota.

A review of the WIMN list, as provided by EDR, and dated 12/27/2024 has revealed that there are 5 WIMN sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HAVEN CSG Status: Y	4598 COUNTY ROAD 8 S	N 1/4 - 1/2 (0.258 mi.)	B5	12
SHERBURNE NORTH SOLA Status: Y	4747 COUNTY ROAD 8,	N 1/4 - 1/2 (0.302 mi.)	B7	16
Lower Elevation	Address	Direction / Distance	Map ID	Page
HARTMANN COMMUNITY S Status: Y	2317 52ND ST SE	SE 0 - 1/8 (0.012 mi.)	4	10
FASTSUN 21, LLC Status: Y	COUNTY ROAD 8	ENE 1/4 - 1/2 (0.301 mi.)	6	14
HAVEN SOLAR Status: Y	5700 COUNTY ROAD 8 S	SE 1/4 - 1/2 (0.446 mi.)	8	18

There were no unmapped sites in this report.

OVERVIEW MAP - 07991556.2R



Saint Cloud MN 56304

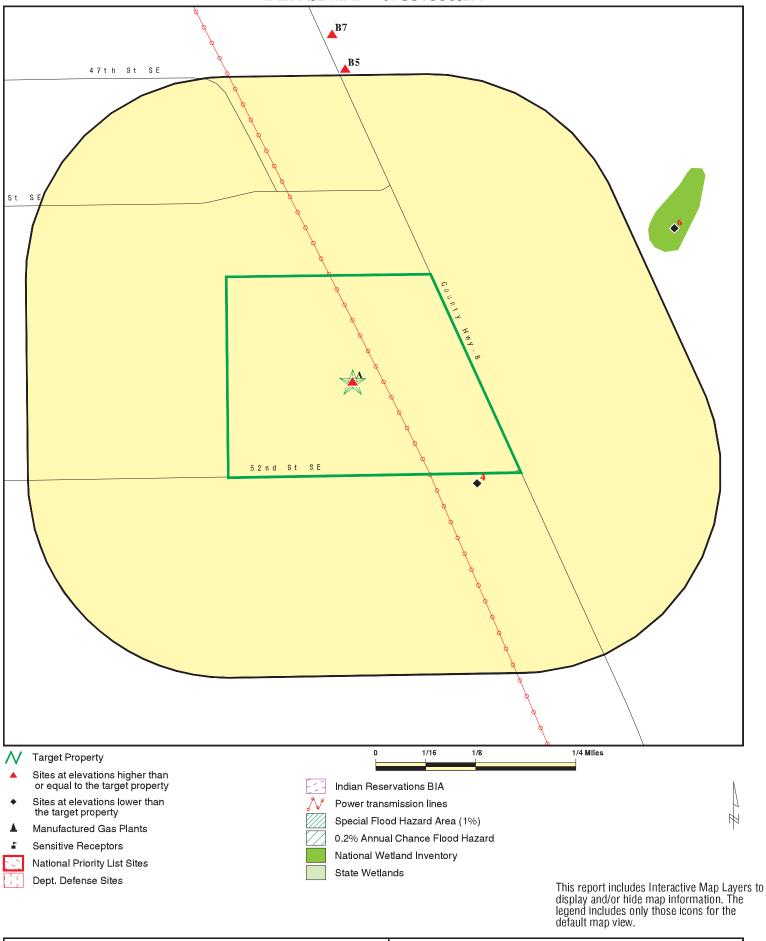
45.495562 / 94.11673

LAT/LONG:

May 16, 2025 4:38 pm Copyright © 2025 EDR, Inc. © 2015 TomTom Rel. 2015.

DATE:

DETAIL MAP - 07991556.2R



SITE NAME: 4958 County Rd 8

ADDRESS:

LAT/LONG:

4958 County Rd 8

Saint Cloud MN 56304

45.495562 / 94.11673

May 16, 2025 4:39 pm

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AECOM

CONTACT: Emily Pearson

INQUIRY #: 07991556.2r

CLIENT:

DATE:

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
STANDARD ENVIRONMEN	TAL RECORDS								
Lists of Federal NPL (Su	perfund) site	s							
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0	
Lists of Federal Delisted	NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0	
Lists of Federal sites subject to CERCLA removals and CERCLA orders									
FEDERAL FACILITY SEMS	0.500 0.500		0	0 0	0	NR NR	NR NR	0 0	
Lists of Federal CERCL	A sites with N	FRAP							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0	
Lists of Federal RCRA fa undergoing Corrective A									
CORRACTS	1.000		0	0	0	0	NR	0	
Lists of Federal RCRA T	SD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0	
Lists of Federal RCRA g	enerators								
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0	
Federal institutional cor engineering controls re									
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0	
Federal ERNS list									
ERNS	TP		NR	NR	NR	NR	NR	0	
Lists of state- and tribal (Superfund) equivalent									
MN PLP	1.000		0	0	0	0	NR	0	
Lists of state- and tribal hazardous waste facilitie									
SHWS	1.000		0	0	0	1	NR	1	
Lists of state and tribal landfills and solid waste disposal facilities									
UNPERM LF	0.500		0	0	0	NR	NR	0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
SWF/LF LCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0	
Lists of state and tribal le	eaking stora	ge tanks							
LAST LUST INDIAN LUST	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0	
Lists of state and tribal r	egistered sto	orage tanks							
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0	
State and tribal institution control / engineering con		es							
INST CONTROL	0.500		0	0	0	NR	NR	0	
Lists of state and tribal v	oluntary clea	anup sites							
VIC INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0	
Lists of state and tribal b	rownfield si	tes							
BROWNFIELDS	0.500		0	0	0	NR	NR	0	
ADDITIONAL ENVIRONMEN	TAL RECORD	<u>s</u>							
Local Brownfield lists									
US BROWNFIELDS	0.500		0	0	0	NR	NR	0	
Local Lists of Landfill / S Waste Disposal Sites	Colid								
SWRCY INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0	
Local Lists of Hazardous Contaminated Sites	waste /								
US HIST CDL SRS CDL MN DEL PLP US CDL	TP 0.500 TP 1.000 TP		NR 0 NR 0 NR	NR 0 NR 0 NR	NR 0 NR 0 NR	NR NR NR 1 NR	NR NR NR NR NR	0 0 0 1 0	
Local Land Records									
LIENS LIENS 2	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0	
Records of Emergency R	Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS AGSPILLS SPILLS 90 SPILLS 80	TP TP TP TP		NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 0 0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES MINES MINES MRDS ABANDONED MINES FINDS	0.250 1.000 1.000 0.500 TP TP TP 0.250 TP TP TP 1.000 TP	2	0 0 0 0 RR ORR OR RR NR RR RR RR RR ORR RR OO OORR OO ORR OO ORR NR OO OORR NR OO OORR NR OO ORR NR OO ORR NR OO ORR NR OO ORR NR OO OORR NR OOR NA OOR N	0 0 0 0 RR 0 RR O R RR RR RR RR R O RR RR O O O O	$\begin{array}{c} R \\ O \\ O \\ O \\ R \\ R \\ R \\ R \\ R \\ R \\$	NOORREREN ORREREN NEWS NEWS NEWS NEWS NEWS NEWS NEWS NE	NR R R R R R R R R R R R R R R R R R R	000000000000000000000000000000000000000
UXO DOCKET HWC ECHO FUELS PROGRAM PFAS NPL PFAS FEDERAL SITES PFAS TSCA PFAS TRIS PFAS RCRA MANIFEST PFAS ATSDR PFAS WQP	1.000 TP TP 0.250 0.250 0.250 0.250 0.250 0.250 0.250 0.250		0 NR NR 0 0 0 0 0	0 NR NR 0 0 0 0 0	O NR NR NR NR NR NR NR NR	O NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR	0 0 0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
BULK	0.250		0	0	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS ENF	0.250 TP		0 NR	0 NR	NR NR	NR NR	NR NR	0 0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
AGVIC	0.500		0	0	0	NR	NR	0
MN HWS Permit	1.000		0	0	0	0	NR	0
LEAD	TP		NR	NR	NŘ	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
MDA LIS	0.250		Õ	Ö	NR	NR	NR	Ö
NPDES	TP	1	NR	NR	NR	NR	NR	1
MN LS	0.500		0	0	0	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
VAPOR	0.500		0	0	0	NR	NR	0
WIMN	0.500	1	1	0	4	NR	NR	6
EDR HIGH RISK HISTORICAL	L RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		Ö	NR	NR	NR	NR	Õ
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNI	MENT ARCHIN	/ES						
Exclusive Recovered Gov	t. Archives							
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	Õ
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals		4	1	0	4	2	0	11

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

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

Α1 ST. CLOUD PV PROJECT **NPDES** S122834189 **Target** 4958 COUNTY ROAD 8 SE WIMN N/A **Property** SAINT CLOUD, MN 56304

Site 1 of 3 in cluster A

NPDES:

Actual: 1021 ft.

St. Cloud Pv Project Name: 4958 County Road 8 Se Address: SAINT CLOUD, MN 563049570 City,State,Zip:

Active:

Activity ID: C00051269 Preferred ID: Not reported Activity Sys ID: 22577551269

Activity Type: **Coverage Termination**

Activity Type Code:

Effective Start Date: 09/04/2018 End Date: 02/28/2019 Alternative Method: Not reported Coverage Date: Not reported Latitude Degree: 45.495841 -94.114079 Longitude Degree: Location Description: Not reported New Imp Area: 0.64 Old Imp Area: 0.3 Online Submittal:

Not reported Other Project Type Description: Not reported

Owner Name: Saint Cloud Solar, LLC Owner Organization Type: Private (Non-Government)

Permit Sys ID: 3767926

St. Cloud PV Project Project Name:

Project Size:

Termination Date: 07/30/2019 Acres: Not reported Activity Description: Not reported No Exposure: Not reported One Mile: Not reported Not reported Permit Type: Sector List: Not reported Major Watershed: Not reported HUC: Not reported **Expiration Date:** Not reported Effective Permit: Not reported NPDES Flag: Not reported Major Minor: Not reported Fac Class: Not reported Not reported Land Application Type: SIC 1: Not reported Data Manager: Not reported Permit Writer: Not reported

Contractor Name: Berry Construction Co., Inc.

WIMN:

Engineer:

Coordinate Method:

Hydro:

Name: Saint Cloud Pv Project Address: 4958 County Road 8 Se Address Description: 4958 County Road 8 Se

Not reported

Not reported

Not reported

Direction Distance

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

ST. CLOUD PV PROJECT (Continued)

S122834189

SAINT CLOUD, MN 56304-9570 City, State, Zip:

Status:

Latitude: 45.495840999999999 Longitude: -94.114079000000004 Item ID: 225775-AISI0000225775

AI ID: 225775 Document ID: 0 CON Subject Item Type Code: Subject Item Category Code: AISI Subject Item ID: 225775 Subject Item Category Description: Agency Interest

Conventional Site Subject Item Type Description: Description: Not reported Subject Item Designation: Not reported MPCA Program: Stormwater Program List: ST City, Township or Unorganized code: 664416

City, Township or Unorganized Name: Haven Township

Congressional District Code: 6 House District: 27A Senate District: 27 USGS 8-digits: 07010203

USGS 8-digits Name: Mississippi River - St. Cloud

USGS 10-digits: 0701020301 USGS 12-digits: 070102030103

City of Saint Cloud-Mississippi River USGS 12-digits Name: MDH Drinking Water Management Code:

Not reported

MDH Drinking Water Management Name: Not reported Location Description: Not reported Township, Range, Direction, Section QQ: Not reported PLS Township: Not reported Range: Not reported Range Direction: Not reported Section: Not reported Not reported Quarters:

Collection Method Code: DP

Method Description: Digitized - MPCA online map

Ref Code: CEN

Ref Description: Center of Feature Represented

Location Verified Flag: Ν

Collection Date: 08/23/2018 Timestamp of Creation: 08/23/2018 User Name of Creator: **RSP** Timestamp of Last Update: 08/23/2018 User Name of Last Update: geo_nc Status Date: Not reported The Delta Spatial ID: Not reported

Activity: Construction Stormwater Activity List: Construction Stormwater

MPCA ID: C00051269 C00051269 MPCA List: Program List: Stormwater Classification: Not reported

Site URL:

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

A2 FASTSUN 21 CSG FINDS 1026697901

N/A

Target 4958 COUNTY ROAD 8 SE Property ST. CLOUD, MN 56304

Site 2 of 3 in cluster A

Actual: FINDS:

1021 ft. Registry ID: 110070871486

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

THE ENERGY INFORMATION ADMINISTRATION (EIA) IS AN INDEPENDENT AGENCY WITHIN THE U.S. DEPARTMENT OF ENERGY THAT DEVELOPS SURVEYS, COLLECTS ENERGY DATA, AND DOES ANALYTICAL AND MODELING ANALYSES OF ENERGY ISSUES. THE EIA-860 DATABASE SUPPORTS THE ANNUAL ELECTRIC GENERATOR REPORT AND CONTAINS ELECTRIC UTILITY AND NON-UTILITY (INCLUDING

INDEPENDENT POWER PRODUCERS, COMBINED HEAT AND POWER PRODUCERS, AND OTHER INDUSTRIALS) GENERATOR-SPECIFIC PLANT DATA, INCLUDING COUNTY AND

STATE LOCATION AND OWNERSHIP INFORMATION

Click this hyperlink while viewing on your computer to access

additional FINDS: detail in the EDR Site Report.

A3 SAINT CLOUD PV PROJECT FINDS 1028102199
Target 4958 COUNTY ROAD 8 SE N/A

Target 4958 COUNTY ROAD 8 SE Property HAVEN TOWNSHIP, MN 56304

Site 3 of 3 in cluster A

Actual: FINDS:

1021 ft. Registry ID: 110071477587

Click Here for FRS Facility Detail Report: Environmental Interest/Information System:

Click this hyperlink while viewing on your computer to access

additional FINDS: detail in the EDR Site Report.

4 HARTMANN COMMUNITY SOLAR ONE NPDES \$125414425

SE 2317 52ND ST SE

< 1/8 SAINT CLOUD, MN 56304

0.012 mi. 64 ft.

Relative: NPDES:

Lower Name: Hartmann Community Solar One

Actual: Address: 2317 52nd St Se

1020 ft. City, State, Zip: SAINT CLOUD, MN 563049596

Active: N

Activity ID: C00054967
Preferred ID: Not reported
Activity Sys ID: 23237354967

Activity Type: Coverage Termination

Activity Type Code: 56

Effective Start Date: 05/01/2020
End Date: 08/31/2020
Alternative Method: Not reported
Coverage Date: Not reported
Latitude Degree: 45.493837

WIMN

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

HARTMANN COMMUNITY SOLAR ONE (Continued)

S125414425

EDR ID Number

Longitude Degree: -94.114221
Location Description: Not reported
New Imp Area: 0.15
Old Imp Area: 0

Online Submittal: Not reported
Other Project Type Description: Not reported
Owner Name: New Energy Equity
Owner Organization Type: Private (Non-Government)

Permit Sys ID: 4093806

Project Name: Hartmann Community Solar One

Project Size: 8.5 Termination Date: 06/29/2020 Acres: Not reported Activity Description: Not reported No Exposure: Not reported One Mile: Not reported Permit Type: Not reported Sector List: Not reported Major Watershed: Not reported HUC: Not reported **Expiration Date:** Not reported Effective Permit: Not reported NPDES Flag: Not reported Major Minor: Not reported Fac Class: Not reported Land Application Type: Not reported SIC 1: Not reported Data Manager: Not reported Permit Writer: Not reported Not reported Engineer: Not reported Hydro:

WIMN:

Coordinate Method:

Contractor Name:

Name: Hartmann Community Solar One

Not reported

Gordian Energy

Address: 2317 52nd St Se Address Description: 2317 52nd St Se

City, State, Zip: SAINT CLOUD, MN 56304-9596

Status:

AI ID: 232373

Document ID: 0

Subject Item Type Code: CON

Subject Item Category Code: AISI

Subject Item ID: 232373

Subject Item Category Description: Agency

Subject Item Category Description:

Subject Item Type Description:

Description:

Subject Item Designation:

Not reported

Not reported

MPCA Program:

Program List:

City, Township or Unorganized code:

Agency Interest

Conventional Site

Not reported

Stormwater

Stormwater

ST

664416

City, Township or Unorganized Name: Haven Township

Congressional District Code:

Direction Distance

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

HARTMANN COMMUNITY SOLAR ONE (Continued)

S125414425

House District: 27A Senate District: 27

USGS 8-digits: 07010203

USGS 8-digits Name: Mississippi River - St. Cloud

USGS 10-digits: 0701020301 USGS 12-digits: 070102030103

USGS 12-digits Name: City of Saint Cloud-Mississippi River MDH Drinking Water Management Code: Not reported

MDH Drinking Water Management Name: Not reported Location Description: Not reported Township, Range, Direction, Section QQ: Not reported PLS Township: Not reported Range: Not reported Range Direction: Not reported Section: Not reported Quarters: Not reported

Collection Method Code: Α1

Method Description: Address Matching House Number

Ref Code: CEN

Ref Description: Center of Feature Represented

Location Verified Flag: Ν

Collection Date: 09/25/2019 09/25/2019 Timestamp of Creation: User Name of Creator: **RSP** Timestamp of Last Update: 07/08/2020 User Name of Last Update: rparlin Status Date: Not reported The Delta Spatial ID: Not reported

Activity: Construction Stormwater Activity List: Construction Stormwater

MPCA ID: C00054967 MPCA List: C00054967 Program List: Stormwater Classification: Not reported

Site URL:

В5 **HAVEN CSG**

North 4598 COUNTY ROAD 8 SE ST. CLOUD, MN 56304 1/4-1/2

0.258 mi.

1364 ft. Site 1 of 2 in cluster B

Relative: NPDES: Higher Name: Haven Csg

Address: 4598 County Road 8 Se Actual: City,State,Zip: ST. CLOUD, MN 56304 1021 ft.

> Active: Ν

Activity ID: C00054586 Preferred ID: Not reported Activity Sys ID: 23172954586 Activity Type: Coverage Termination

Activity Type Code: 56

Effective Start Date: 10/01/2019 End Date: 08/05/2020 Alternative Method: Not reported Coverage Date: Not reported Latitude Degree: 45.499904

NPDES

WIMN

S125362886

N/A

Direction Distance

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

HAVEN CSG (Continued) S125362886

Longitude Degree: -94.108302 Location Description: Not reported New Imp Area: 8.0 Old Imp Area:

Online Submittal: Not reported Other Project Type Description: Not reported

Owner Name: Madison Energy Holdings, LLC Owner Organization Type: Private (Non-Government)

Permit Sys ID: 4094417 Project Name: Haven CSG Project Size: 1.12 Termination Date: 06/29/2020 Acres: Not reported Activity Description: Not reported No Exposure: Not reported One Mile: Not reported Permit Type: Not reported Sector List: Not reported Major Watershed: Not reported HUC: Not reported **Expiration Date:** Not reported Effective Permit: Not reported NPDES Flag: Not reported Major Minor: Not reported Fac Class: Not reported Land Application Type: Not reported SIC 1: Not reported Data Manager: Not reported Permit Writer: Not reported Not reported Engineer: Hydro: Not reported

Not reported Contractor Name: United Renewable Energy

WIMN:

Coordinate Method:

Name: Haven Csg

4598 County Road 8 Se Address: Address Description: 4598 County Road 8 Se ST. CLOUD, MN 56304 City,State,Zip:

Status:

Latitude: 45.499904000000001 Longitude: -94.108301999999995 Item ID: 231729-AISI0000231729

AI ID: 231729 Document ID: 0 CON Subject Item Type Code: Subject Item Category Code: AISI Subject Item ID: 231729

Subject Item Category Description: Agency Interest Subject Item Type Description: Conventional Site Description: Not reported Subject Item Designation: Not reported MPCA Program: Stormwater Program List: ST City, Township or Unorganized code: 664416

City, Township or Unorganized Name: Haven Township

Congressional District Code:

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

HAVEN CSG (Continued) S125362886

Not reported

House District: 27A Senate District: 27

USGS 8-digits: 07010203

 USGS 8-digits Name:
 Mississippi River - St. Cloud

 USGS 10-digits:
 0701020306

 USGS 12-digits:
 070102030601

USGS 12-digits Name: Fish Creek-Mississippi River

MDH Drinking Water Management Code: Not reported MDH Drinking Water Management Name: Not reported Location Description: Not reported Township, Range, Direction, Section QQ: Not reported PLS Township: Not reported Not reported Range: Range Direction: Not reported Section: Not reported

Collection Method Code: DP

Method Description: Digitized - MPCA online map

Ref Code: CEN

Ref Description: Center of Feature Represented

Location Verified Flag: N

Collection Date: 08/06/2019
Timestamp of Creation: 08/06/2019
User Name of Creator: RSP
Timestamp of Last Update: 08/06/2019
User Name of Last Update: geo_nc
Status Date: Not reported
The Delta Spatial ID: Not reported

Activity: Construction Stormwater
Activity List: Construction Stormwater

MPCA ID: C00054586
MPCA List: C00054586
Program List: Stormwater
Classification: Not reported

Site URL:

Quarters:

6 FASTSUN 21, LLC NPDES S125695556
ENE COUNTY ROAD 8 WIMN N/A

1/4-1/2 SAINT CLOUD, MN 56304 0.301 mi.

0.301 mi 1590 ft.

 Relative:
 NPDES:

 Lower
 Name:
 Fastsun 21, Llc

 Actual:
 Address:
 County Road 8

1012 ft. City,State,Zip: SAINT CLOUD, MN 56304

Active: N

Activity ID: C00055090
Preferred ID: Not reported
Activity Sys ID: 23258655090
Activity Type: Coverage Termination

Activity Type Code: 56

Effective Start Date: 10/28/2019
End Date: 12/30/2020
Alternative Method: Not reported
Coverage Date: Not reported
Latitude Degree: 45.498334

EDR ID Number

Direction Distance

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

FASTSUN 21, LLC (Continued)

S125695556

EDR ID Number

Longitude Degree: -94.108447

The project is located within Sherburne County PID 25-029-2100. The Location Description:

site is accessed via an existing driveway on the east side of County

Road 8 at the intersection of 49th Str SE

New Imp Area: 1.75 Old Imp Area:

Online Submittal: Not reported Other Project Type Description: Not reported

Owner Name: Park Avenue Solar Solutions, LLC Owner Organization Type: Private (Non-Government)

Permit Sys ID: 5271900 FastSun 21, LLC Project Name:

Project Size: 6.65 Termination Date: 03/30/2023 Acres: Not reported Activity Description: Not reported No Exposure: Not reported One Mile: Not reported Permit Type: Not reported Sector List: Not reported Major Watershed: Not reported HUC: Not reported **Expiration Date:** Not reported Effective Permit: Not reported NPDES Flag: Not reported Major Minor: Not reported Fac Class: Not reported Land Application Type: Not reported

SIC 1: Not reported Data Manager: Not reported Permit Writer: Not reported Engineer: Not reported Hydro: Not reported Coordinate Method: Not reported

Contractor Name: Frattalone Companies Inc

WIMN:

Name: Fastsun 21, Llc Address: County Road 8 Address Description: County Road 8

SAINT CLOUD, MN 56304 City, State, Zip:

Status:

Latitude: 45.498334

-94.108446999999998 Longitude: Item ID: 232586-AISI0000232586

AI ID: 232586 Document ID: 0 CON Subject Item Type Code: Subject Item Category Code: AISI Subject Item ID: 232586 Agency Interest Subject Item Category Description:

Subject Item Type Description: Conventional Site Description: Not reported Subject Item Designation: Not reported MPCA Program: Stormwater Program List: ST

City, Township or Unorganized code: 664416

Direction Distance

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

FASTSUN 21, LLC (Continued)

City, Township or Unorganized Name: Haven Township

Congressional District Code: 6 House District: 27A Senate District: 27 USGS 8-digits: 07010203

USGS 8-digits Name: Mississippi River - St. Cloud

USGS 10-digits: 0701020306 USGS 12-digits: 070102030601

USGS 12-digits Name: Fish Creek-Mississippi River

MDH Drinking Water Management Code: Not reported MDH Drinking Water Management Name: Not reported

The Project Is Located Within Sherburne County Pid 25-029-2100. The Location Description:

Site Is Accessed Via An Existing Driveway On The East Side Of County

S125695556

Road 8 At The Intersection Of 49th Str Se

Township, Range, Direction, Section QQ: Not reported PLS Township: Not reported Not reported Range: Range Direction: Not reported Section: Not reported Quarters: Not reported

Collection Method Code: DP

Method Description: Digitized - MPCA online map

Ref Code: CEN

Ref Description: Center of Feature Represented

Ν

Location Verified Flag:

Collection Date: 10/15/2019 Timestamp of Creation: 10/15/2019 User Name of Creator: **RSP** Timestamp of Last Update: 04/24/2023 User Name of Last Update: WO_2132805 Status Date: Not reported The Delta Spatial ID: Not reported

Activity: Construction Stormwater Activity List: Construction Stormwater

MPCA ID: C00055090 MPCA List: C00055090 Program List: Stormwater Classification: Not reported

Site URL:

B7 SHERBURNE NORTH SOLAR North 4747 COUNTY ROAD 8, SE ST. CLOUD, MN 56304 1/4-1/2 0.302 mi.

1595 ft. Site 2 of 2 in cluster B

NPDES: Relative: Higher Name:

Sherburne North Solar Address: 4747 County Road 8, Se Actual: City, State, Zip: ST. CLOUD, MN 56304 1021 ft.

> Active: Ν

C00047574 Activity ID: Preferred ID: Not reported Activity Sys ID: 22066447574 Activity Type: **Coverage Termination**

Activity Type Code:

Effective Start Date: 09/08/2017

TC07991556.2r Page 16

S120939089

N/A

NPDES

WIMN

Direction Distance Elevation

n Site Database(s) EPA ID Number

SHERBURNE NORTH SOLAR (Continued)

S120939089

EDR ID Number

End Date: 11/30/2018
Alternative Method: Not reported
Coverage Date: Not reported
Latitude Degree: 45.4996
Longitude Degree: -94.1141
Location Description: Not reported
New Imp Area: 0.6
Old Imp Area: 0

Online Submittal:
Other Project Type Description:
Owner Name:
Owner Organization Type:
Permit Sys ID:
Not reported
Not reported
Not reported
3448378

Project Name: Sherburne North Solar

Project Size: 3.5

Termination Date: 09/06/2018 Acres: Not reported Activity Description: Not reported No Exposure: Not reported One Mile: Not reported Permit Type: Not reported Sector List: Not reported Major Watershed: Not reported HUC: Not reported Not reported **Expiration Date:** Effective Permit: Not reported NPDES Flag: Not reported Major Minor: Not reported Fac Class: Not reported Land Application Type: Not reported Not reported SIC 1: Data Manager: Not reported Permit Writer: Not reported Engineer: Not reported Not reported Hydro: Not reported Coordinate Method: Contractor Name: Not reported

WIMN:

Name: Sherburne North Solar
Address: 4747 County Road 8, Se
Address Description: 4747 County Road 8, Se
City,State,Zip: ST. CLOUD, MN 56304
Status: Y

Latitude: 45.49960000000001
Longitude: -94.1140999999993
Item ID: 220664-AISI0000220664

Al ID: 220664

Document ID: 0

Subject Item Type Code: CON

Subject Item Category Code: AISI

Subject Item ID: 220664

Subject Item Category Description: Agency Interest

Subject Item Type Description:

Description:

Subject Item Designation:

Not reported

Not reported

MPCA Program:

Conventional Site

Not reported

Stormwater

Direction Distance

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

SHERBURNE NORTH SOLAR (Continued)

S120939089

Program List: ST 664416 City, Township or Unorganized code:

City, Township or Unorganized Name: Haven Township

Congressional District Code: 6 House District: 27A Senate District: 27 USGS 8-digits: 07010203

Mississippi River - St. Cloud USGS 8-digits Name:

USGS 10-digits: 0701020306 USGS 12-digits: 070102030601

USGS 12-digits Name: Fish Creek-Mississippi River MDH Drinking Water Management Code: Not reported

MDH Drinking Water Management Name: Not reported Location Description: Not reported Township, Range, Direction, Section QQ: Not reported PLS Township: Not reported Not reported Range: Range Direction: Not reported Section: Not reported Quarters: Not reported

Collection Method Code: DW

Method Description: Digitized - Web Map Google / Yahoo / Microsoft

Ν

Ref Code: CEN

Ref Description: Center of Feature Represented

Location Verified Flag:

Collection Date: 09/01/2017 Timestamp of Creation: 09/01/2017 User Name of Creator: **RSP** Timestamp of Last Update: 04/24/2023 User Name of Last Update: WO_2132805 Status Date: Not reported The Delta Spatial ID: Not reported

Activity: Construction Stormwater Activity List: Construction Stormwater

MPCA ID: C00047574 MPCA List: C00047574 Program List: Stormwater Classification: Not reported

Site URL:

S122985072 **HAVEN SOLAR NPDES** WIMN SE 5700 COUNTY ROAD 8 S.E. 1/4-1/2 SAINT CLOUD, MN 56304

0.446 mi. 2357 ft.

NPDES: Relative: Lower Name: Haven Solar

Address: 5700 County Road 8 S.E. Actual: City, State, Zip: SAINT CLOUD, MN 56304 1000 ft.

> Active: Ν

C00051550 Activity ID: Preferred ID: Not reported Activity Sys ID: 22602351550 Activity Type: **Coverage Termination**

Activity Type Code: 56

Effective Start Date: 10/01/2018 N/A

Direction Distance Elevation

tion Site Database(s) EPA ID Number

HAVEN SOLAR (Continued)

S122985072

EDR ID Number

End Date: 07/01/2019 Alternative Method: Not reported Not reported Coverage Date: Latitude Degree: 45.4865546 Longitude Degree: -94.1078859 Location Description: Not reported New Imp Area: 0.35 Old Imp Area: 0

Online Submittal: Not reported Other Project Type Description: Not reported

Owner Name: Cooperative Energy Futures
Owner Organization Type: Private (Non-Government)

3858599 Permit Sys ID: Project Name: Haven Solar Project Size: 7.47 Termination Date: 11/15/2019 Not reported Acres: Activity Description: Not reported No Exposure: Not reported One Mile: Not reported Permit Type: Not reported Sector List: Not reported Major Watershed: Not reported HUC: Not reported **Expiration Date:** Not reported Not reported Effective Permit: NPDES Flag: Not reported Major Minor: Not reported Fac Class: Not reported Land Application Type: Not reported Not reported SIC 1: Data Manager: Not reported Permit Writer: Not reported Engineer: Not reported

WIMN:

Hydro:

Coordinate Method:

Contractor Name:

Name: Haven Solar

Address: 5700 County Road 8 S.E.
Address Description: 5700 County Road 8 S.E.
City, State, Zip: SAINT CLOUD, MN 56304

Not reported

Not reported

Cedar Creek Energy

Status:

Latitude: 45.486554650000002 Longitude: -94.10788590999993 Item ID: 226023-AISI0000226023

 AI ID:
 226023

 Document ID:
 0

 Subject Item Type Code:
 CON

 Subject Item Category Code:
 AISI

 Subject Item ID:
 226023

Subject Item Category Description:

Subject Item Type Description:

Description:

Subject Item Designation:

Not reported

MPCA Program:

Agency Interest

Conventional Site

Not reported

Not reported

Stormwater

Direction Distance

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

HAVEN SOLAR (Continued) S122985072

Program List: ST 664416 City, Township or Unorganized code:

City, Township or Unorganized Name: Haven Township

Congressional District Code: 6 House District: 27A Senate District: 27 USGS 8-digits: 07010203

Mississippi River - St. Cloud USGS 8-digits Name:

USGS 10-digits: 0701020301 USGS 12-digits: 070102030103

USGS 12-digits Name: City of Saint Cloud-Mississippi River MDH Drinking Water Management Code: Not reported

MDH Drinking Water Management Name: Not reported Location Description: Not reported Township, Range, Direction, Section QQ: Not reported PLS Township: Not reported Not reported Range: Range Direction: Not reported Section: Not reported Quarters: Not reported

Collection Method Code: Α1

Method Description: Address Matching House Number

Ν

Ref Code: CEN

Ref Description: Center of Feature Represented

Location Verified Flag:

Collection Date: 09/18/2018 09/18/2018 Timestamp of Creation: User Name of Creator: **RSP** Timestamp of Last Update: 09/18/2018 User Name of Last Update: geo_nc Status Date: Not reported The Delta Spatial ID: Not reported

Activity: Construction Stormwater Activity List: Construction Stormwater

MPCA ID: C00051550 MPCA List: C00051550 Program List: Stormwater Classification: Not reported

Site URL:

S117413409 **SAINT AUGUSTA LANDFILL** 9 SHWS SW **4901 HEATHERWOOD LN** SWF/LF N/A 1/2-1

SAINT CLOUD, MN 56301 **INST CONTROL** 0.981 mi. 5182 ft. MN DEL PLP

NPDES Relative: WIMN Lower

SHWS: Actual: Name: ST. AUGUSTA SANITARY LANDFILL/ENGEN DUMP 1009 ft.

> Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT CLOUD, MN 56301

Facility Id: SR151

1605-AREA0000000002 Item ID:

1605 AI ID:

Al Name: Saint Augusta Landfill SRS

Direction Distance

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

Site Type: Superfund Site Hydro: Not reported

Project Manager: Gary Krueger (no longer at MPCA)

Latitude: 45.48324625 Longitude: -94.13662532

Coord Collection Method: Digitized - MPCA internal map

Migrated: Not reported

WIMN:

Owner: Not reported Owner Address: Not reported Owner City: Not reported Owner State: Not reported Owner ZIP: Not reported Acreage: Not reported

Location Description: Near St. Augusta, 4 miles S of St. Cloud just E of I-94

Congress District: House Distrist: 14A Senate District: 14 7010203 HUC 8 Number:

HUC 8 Name: Mississippi River - St. Cloud

HUC 10 Number: 701020301 HUC 12 Number: 70102030103

HUC 12 Name: City of Saint Cloud-Mississippi River

DWSMA Code: Not reported DWSMA Name: Not reported Status: Closed BPET: Not reported BVIC: Not reported SEMS: Not reported Not reported UNP Dump: Federal Regulations: Not reported Federal State Regulations: Not reported State Regulations: Not reported Non Regulations: Not reported SF Volume: Not reported

IC:

HRS Score: Not reported Score Year: Not reported

NPL: PLP:

MNTBA: Not reported

SHWS:

Facility ID: SR151 Facility Address 2: Not reported Core Program Interest ID: 333224 Link ID: 1082 Landfill Site Type: Active?: False MPCA Region: **Brainerd** Site Size: Not reported

Score: **MPCA** Enforcement Lead Agency: Federal Deferral Pilot?: False Site Classification A Emergency: False Site Classification B O and m: False Site Classification C Rd/ra: False

Direction Distance

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

Site Classification D Ri/fs: False Fund Financed: False NPL: True PLP: True District: North Program Site Was Referred From: SA Program Interest: SF

Physical Location: 1 mile south of the interseciton of I-94 and Hwy #7 east side of I-94

Natural Resource Damage: False Cleanup Cost: Not reported

Notes: This site has been transferred to Closed Landfill Progam

Not reported

Indian Reservation Land?: False Reservation Name: Not reported MPCA-owned Wells At Site?: False

Created By: Andrew Nichols Created Date: 01/06/1998 Last Update Date: 07/19/2000 Federal Facility?: False Primary Funding Source: Not reported MND981002256 EPA ID: MPCA ID: Not reported Basin code: Not reported Major water: Not reported Minor water: Not reported Archival Storage File Location:

VIC Application GIS: False Petroleum Brownfields Prog?: False

Contacts:

Misc Contact Info:

Contact Type: Company Name: **MPCA** Contact Address: Not reported Contact Address 2: Not reported Contact Province: Not reported Contact Country: Not reported Contact Postal code: Not reported Contact Phone: Not reported Contact Phone Ext: Not reported Not reported Contact Fax: Not reported Contact E-mail: Contact Cell Phone: Not reported Contact Information Last Updated: 2001-07-25 00:00:00

Receive Invoice: Staff Id Num: 294

Contact Type: 1 Company Name: **MPCA**

Contact Address: 520 Lafayette Rd N Contact Address 2: Not reported Contact Province: Not reported Contact Country: Not reported Contact Postal code: Not reported (651) 757-6139 Contact Phone: Not reported Contact Phone Ext: Contact Fax: Not reported Contact E-mail: Not reported

Direction Distance Elevation

evation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

Contact Cell Phone: Not reported
Contact Information Last Updated: 2001-07-25 00:00:00
Misc Contact Info: Not reported

Receive Invoice: F
Staff Id Num: 3317

Contact Type: 1
Company Name: MPCA

Contact Address: 520 Lafayette Rd N Contact Address 2: Not reported Contact Province: Not reported Not reported Contact Country: Contact Postal code: Not reported Contact Phone: (651) 757-6139 Not reported Contact Phone Ext: 6512969707 Contact Fax:

Contact E-mail: gary.krueger@state.mn.us

Contact Cell Phone: Not reported

Contact Information Last Updated: 2004-07-22 00:00:00

Misc Contact Info:
Receive Invoice:
Staff Id Num:
Not reported
F
3317

SIte Event Log:

 Date Started:
 1984-10-30 00:00:00

 Date End:
 1996-06-30 00:00:00

 Planned Start Date:
 Not reported

 Planned End Date:
 Not reported

Last Update: 2004-07-15 00:00:00

Facid: SR151 Event: 1

Additional Information: None Entered Record Number: 21900

Date Started:

Date End:

Planned Start Date:

Planned End Date:

Not reported

Not reported

Not reported

Last Update: 2004-07-21 00:00:00

Facid: SR151 Event: 1

Additional Information: Delisted from NPL

Record Number: 21981

Date Started:

Date End:

Planned Start Date:

Planned End Date:

Not reported

Not reported

Not reported

Not reported

Not reported

Last Update: 1998-01-06 00:00:00

Facid: SR151
Event: 1
Additional Information: None
Record Number: 2892

Date Started: Not reported
Date End: 1987-05-22 00:00:00

Planned Start Date: Not reported

Map ID MAP FINDINGS Direction

Distance Elevation

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

Planned End Date: Not reported

1998-01-06 00:00:00 Last Update:

Facid: SR151 Event: Additional Information: None Record Number: 2893

Impact and Response Actions:

Facid: SR151

GW Recepts Prot by Rem Actn: Not reported Ecological receptors present:

Type of ecological receptors: Not reported Acres of contaminated soil: Not reported Volume of contaminated soil: Not reported Not reported Acres of surface water impacted: Not reported Acres of wetland impacted: Acres of sediment impacted: Not reported GW Plume Area Acres: Not reported

Cleanup Conducted:

Acres of Contam Soil remediate: Not reported Not reported Volume of Soil Cleaned: # Municipal wells contamd: Not reported # Dom wells contam: Not reported Not reported # People Impct SW intake contam: # Drums Revolved from site: Not reported Yr Soil Remediated: Not reported Not reported Acres of Soil w/ Restrict Access: Yr IC remedy complete: Not reported Yr GW remedy completed: Not reported Year GWIC completed: Not reported Acres of wetland of sediment remediated: Not reported

Public financing: Assurance help:

Land use Classfn At Site: Not reported Not reported

Land use Vicinity Of Site: Deed notif Present On Site:

Restrictive Covenant Present:

Restrictions: Not reported

GW Pump and Treat Used at site: Quaternary Perched: Quaternary Water Table: **Quaternary Confined:** Cretaceous: Plattville: St. peter: Prairie Duchien: Jordan: Ironton/Galesville: Mt Simon Hinckley: Precambrian Undefferentiated:

Other/Unknown Aquifier:

Date Info Last Updated: Not reported Inst Control Info Updated: Not reported Inst Control Filed Location: Not reported SW Classification (Primary): Not reported SW Classification (Secondary): Not reported Miscellaneous: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

SW Comments: Not reported

SWF/LF:

Name: SAINT AUGUSTA LANDFILL
Address: 4901 HEATHERWOOD LN
City,State,Zip: SAINT CLOUD, MN 56301

Region: STATE Facility ID: Not reported

Site ID: 1605

Owner Name: Minnesota Pollution Control Agency

Program: Solid Waste
Active Type: Solid Waste
Secondary Addr: Not reported

Active Sub Type: Closed Landfill managed by MPCA

Classic FIC: Not reported Active ID: SW-35

Active Name: Saint Augusta Landfill

Active: Y
Legislative District: 6
HUC 8: 7010203

Watershed: Mississippi River - St. Cloud

Latitude: 45.48323509 Longitude: -94.13662868 Method: Digitized-DRG

Inst Cont: Y

INST CONTROL:

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT CLOUD, MN 56301

Site ID: 1605

Latitude: 45.492554159999 Longitude: -94.263388699999 Owner Name: Not reported Program Name: Closed Landfill Active: Not reported Activity Type Name: **Bond Declaration** Activity Sub Type Name: Not reported Industrial Classification: Not reported Activity ID: Not reported Activity Name: Bond HUC 8: 7010203

Watershed Name: Mississippi River - St. Cloud

Coordinate Method: Zip Code Centroid Institutional Control: Not reported

District:

Type Description: Institutional Control

Program Code: CL

Site Type: Closed Landfill Site
IC ID: 2001R32500M3AUX16

Acreage: Not reported Signed Date: 08/18/2016 Recorded Date: 08/19/2016 Terminated Date: Not reported

MAP FINDINGS Map ID Direction

Distance

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

Inspection Number:

Not reported Last Inspection Date: Comments: Not reported HUC 10: 701020301 HUC 12: 70102030101 Watershed: Johnson Creek Location Description: Not reported

SAINT AUGUSTA LANDFILL Name: Address: 4901 HEATHERWOOD LN

Address 2: Not reported

SAINT CLOUD, MN 56301 City, State, Zip:

Site ID: 1605

Latitude: 45.492554159999 -94.263388699999 Longitude: Owner Name: Not reported Program Name: Closed Landfill Active: Not reported Activity Type Name: **Bond Declaration** Activity Sub Type Name: Not reported Industrial Classification: Not reported Activity ID: Not reported Activity Name: Bond HUC 8: 7010203

Mississippi River - St. Cloud Watershed Name:

Coordinate Method: Zip Code Centroid

Institutional Control: Not reported

District:

Type Description: Not reported Program Code: Not reported Not reported Site Type: IC ID: Not reported Acreage: Not reported Signed Date: Not reported Recorded Date: Not reported Not reported Terminated Date: Not reported Inspection Number: Last Inspection Date: Not reported Comments: Not reported HUC 10: Not reported HUC 12: Not reported Not reported Watershed: Location Description: Not reported

SAINT AUGUSTA LANDFILL Name: Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT CLOUD, MN 56301

Site ID: 1605

Latitude: 45.492554159999 -94.263388699999 Longitude: Owner Name: Not reported Closed Landfill Program Name: Active: Not reported Activity Type Name: **Bond Declaration** Activity Sub Type Name: Not reported Industrial Classification: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

Activity ID: Not reported
Activity Name: Bond
HUC 8: 7010203

Watershed Name: Mississippi River - St. Cloud

Coordinate Method: Zip Code Centroid Institutional Control: Not reported

District: 6

Type Description: Not reported Program Code: Not reported Site Type: Not reported IC ID: Not reported Acreage: Not reported Signed Date: Not reported Recorded Date: Not reported Terminated Date: Not reported Inspection Number: Not reported Last Inspection Date: Not reported Comments: Not reported HUC 10: Not reported HUC 12: Not reported Watershed: Not reported Location Description: Not reported

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT LOUIS PARK, MN 56301

 Site ID:
 1605

 Latitude:
 45.48323509

 Longitude:
 -94.13662868

 Owner Name:
 Not reported

Program Name: Investigation and Cleanup

Active: N

Activity Type Name: Site Assessment
Activity Sub Type Name: Not reported
Industrial Classification: Not reported
Activity ID: SA0008812

Activity Name: Saint Augusta Landfill

HUC 8: 7010203
Watershed Name: Mississippi Riv
Coordinate Method: DigitizedInstitutional Control: Not reported

District: 6

Type Description: Not reported Program Code: Not reported Site Type: Not reported IC ID: Not reported Acreage: Not reported Signed Date: Not reported Recorded Date: Not reported Not reported Terminated Date: Inspection Number: Not reported Not reported Last Inspection Date: Comments: Not reported HUC 10: Not reported HUC 12: Not reported Watershed: Not reported

Direction

Elevation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

Location Description: Not reported

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT LOUIS PARK, MN 56301

 Site ID:
 1605

 Latitude:
 45.48323509

 Longitude:
 -94.13662868

 Owner Name:
 Not reported

Program Name: Investigation and Cleanup

Active: N

Activity Type Name: Superfund
Activity Sub Type Name: Not reported
Industrial Classification: Not reported
Activity ID: SR0000151

Activity Name: Saint Augusta Landfill

HUC 8: 7010203
Watershed Name: Mississippi Riv
Coordinate Method: DigitizedInstitutional Control: Not reported

District: 6

Type Description: Not reported Program Code: Not reported Site Type: Not reported IC ID: Not reported Acreage: Not reported Signed Date: Not reported Recorded Date: Not reported Terminated Date: Not reported Not reported Inspection Number: Last Inspection Date: Not reported Comments: Not reported HUC 10: Not reported HUC 12: Not reported Not reported Watershed: Not reported Location Description:

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT LOUIS PARK, MN 56301

Site ID: 1605
Latitude: 45.48323509
Longitude: -94.13662868
Owner Name: Not reported
Program Name: Solid Waste
Active: Y
Activity Type Name: Solid Waste

Activity Type Name: Solid Waste
Activity Sub Type Name: Not reported
Industrial Classification: Not reported
Activity ID: SW-35

Activity Name: Saint Augusta Landfill

HUC 8: 7010203
Watershed Name: Mississippi Riv
Coordinate Method: DigitizedInstitutional Control: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

District: Not reported Type Description: Program Code: Not reported Site Type: Not reported IC ID: Not reported Not reported Acreage: Signed Date: Not reported Recorded Date: Not reported Terminated Date: Not reported Inspection Number: Not reported Last Inspection Date: Not reported Not reported Comments: HUC 10: Not reported HUC 12: Not reported Watershed: Not reported Location Description: Not reported

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT LOUIS PARK, MN 56301

Site ID: 1605 Latitude: 45.48323509 Longitude: -94.13662868

Longitude: -94.13662868
Owner Name: Not reported
Program Name: Stormwater

Active: N

Activity Type Name: Industrial Stormwater

Activity Sub Type Name: Not reported Industrial Classification: Not reported Activity ID: Not Reported MNRNE369Q

Activity Name: Saint Augusta Landfill

HUC 8: 7010203
Watershed Name: Mississippi Riv
Coordinate Method: DigitizedInstitutional Control: Not reported

District: 6

Type Description: Not reported Program Code: Not reported Site Type: Not reported IC ID: Not reported Acreage: Not reported Signed Date: Not reported Not reported Recorded Date: Not reported Terminated Date: Inspection Number: Not reported Last Inspection Date: Not reported Comments: Not reported HUC 10: Not reported HUC 12: Not reported Watershed: Not reported Location Description: Not reported

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT LOUIS PARK, MN 56301

Direction Distance

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

Site ID: 1605 45.48323509 Latitude: Longitude: -94.13662868 Owner Name: Not reported Program Name: Stormwater

Active:

Activity Type Name: **Industrial Stormwater**

Activity Sub Type Name: Not reported Industrial Classification: Not reported Activity ID: MNRNE3BYV

Activity Name: Saint Augusta Landfill

HUC 8: 7010203 Mississippi Riv Watershed Name: Coordinate Method: Digitized-Institutional Control: Not reported

District:

Not reported Type Description: Program Code: Not reported Site Type: Not reported IC ID: Not reported Acreage: Not reported Signed Date: Not reported Recorded Date: Not reported Terminated Date: Not reported Not reported Inspection Number: Last Inspection Date: Not reported Comments: Not reported HUC 10: Not reported HUC 12: Not reported Not reported Watershed: Location Description: Not reported

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

SAINT LOUIS PARK, MN 56301 City,State,Zip:

Site ID: 1605 45.48323509 Latitude: -94.13662868 Longitude: Owner Name: Not reported Program Name: Stormwater

Active:

Activity Type Name: Industrial Stormwater

Activity Sub Type Name: Not reported Industrial Classification: Not reported MNRNE3CZ7 Activity ID:

Activity Name: Saint Augusta Landfill

7010203 HUC 8: Watershed Name: Mississippi Riv Coordinate Method: Digitized-Institutional Control: Not reported

District:

Type Description: Not reported Program Code: Not reported Site Type: Not reported IC ID: Not reported Acreage: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

Signed Date: Not reported Not reported Recorded Date: Terminated Date: Not reported Inspection Number: Not reported Last Inspection Date: Not reported Not reported Comments: HUC 10: Not reported HUC 12: Not reported Watershed: Not reported Location Description: Not reported

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT CLOUD, MN 56301

Site ID: 1605

Latitude: 45.492554159999 Longitude: -94.263388699999 Owner Name: Not reported Closed Landfill Program Name: Not reported Active: Activity Type Name: **Bond Declaration** Activity Sub Type Name: Not reported Industrial Classification: Not reported Activity ID: Not reported Activity Name: Bond HUC 8: 7010203

Watershed Name: Mississippi River - St. Cloud

Coordinate Method: Zip Code Centroid Institutional Control: Not reported

District: 6

Type Description: Institutional Control

Program Code: CL

Site Type: Closed Landfill Site IC ID: 1995R32500GK30X08

Acreage: Not reported Signed Date: 08/18/2016 Recorded Date: 08/19/2016 Terminated Date: Not reported

Inspection Number: 0

Last Inspection Date:

Comments:

HUC 10:

HUC 12:

Watershed:

Location Description:

Not reported

701020301

70102030101

Johnson Creek

Not reported

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT LOUIS PARK, MN 56301

Site ID: 1605

Latitude: 45.492554159999
Longitude: -94.263388699999
Owner Name: Not reported
Program Name: Closed Landfill
Active: Not reported

Direction Distance

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

Activity Type Name: **Bond Declaration** Activity Sub Type Name: Not reported Industrial Classification: Not reported Activity ID: Not reported Activity Name: Bond HUC 8: 7010203 Mississippi Riv Watershed Name: Coordinate Method: Zip Code C Institutional Control: Not reported District:

Type Description: Not reported Program Code: Not reported Site Type: Not reported IC ID: Not reported Acreage: Not reported Signed Date: Not reported Recorded Date: Not reported Terminated Date: Not reported Inspection Number: Not reported Last Inspection Date: Not reported Comments: Not reported HUC 10: Not reported HUC 12: Not reported Watershed: Not reported Location Description: Not reported

Name: SAINT AUGUSTA LANDFILL Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT LOUIS PARK, MN 56301

Site ID: 1605 Latitude: 45.48323509 Longitude: -94.13662868 Owner Name: Not reported

Program Name: Investigation and Cleanup

Active:

CERCLIS Site Activity Type Name: Activity Sub Type Name: Not reported Industrial Classification: Not reported Activity ID: MND981002256 Activity Name: Saint Augusta Landfill

HUC 8: 7010203 Watershed Name: Mississippi Riv Coordinate Method: Digitized-Institutional Control: Not reported

District:

Type Description: Not reported Program Code: Not reported Site Type: Not reported IC ID: Not reported Not reported Acreage: Signed Date: Not reported Not reported Recorded Date: Terminated Date: Not reported Inspection Number: Not reported Not reported Last Inspection Date: Comments: Not reported

Direction Distance

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

HUC 10: Not reported HUC 12: Not reported Not reported Watershed: Location Description: Not reported

SAINT AUGUSTA LANDFILL Name: 4901 HEATHERWOOD LN Address:

Address 2: Not reported

City,State,Zip: SAINT LOUIS PARK, MN 56301

Site ID: 1605

Latitude: 45.492554159999 Longitude: -94.263388699999 Owner Name: Not reported Program Name: Closed Landfill Active: Not reported Activity Type Name: **Bond Declaration** Activity Sub Type Name: Not reported Industrial Classification: Not reported Activity ID: Not reported Activity Name: Bond HUC 8: 7010203 Watershed Name: Mississippi Riv Coordinate Method: Zip Code C Institutional Control: Not reported District: Type Description: Not reported Program Code: Not reported Site Type: Not reported IC ID: Not reported

Acreage: Not reported Not reported Signed Date: Recorded Date: Not reported Terminated Date: Not reported Inspection Number: Not reported Not reported Last Inspection Date: Comments: Not reported HUC 10: Not reported HUC 12: Not reported Watershed: Not reported Location Description: Not reported

SRS:

Name: ST. AUGUSTA SANITARY LANDFILL/ENGEN DUMP

4901 HEATHERWOOD LN Address:

Address 2: Not reported

SAINT CLOUD, MN 56301 City, State, Zip:

Facility ID: SA0008812

1605-AREA0000000001 Item ID:

1605 AI ID:

Al Name: Saint Augusta Landfill Facility Type: Site Assessment Site

Hydro: Not reported Project Manager: Not reported Latitude: 45.48362219 Longitude: -94.13549509

Coord Collection Method: Public Land Survey-Two Quarter

Migrated: Not reported

Direction Distance

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

WIMN:

Not reported Owner: Owner Address: Not reported Owner City: Not reported Owner State: Not reported Owner ZIP: Not reported BPET: Not reported BVIC: Not reported

SEMS: UNP Dump: Υ IC: Υ

HRS Score: Not reported Status: Closed Acreage:

Near St. Augusta, 4 miles S of St. Cloud just E of I-94 Location Description:

Congress District: 6 House Distrist: 14A Senate District: 14 7010203 HUC 8 Number:

HUC 8 Name: Mississippi River - St. Cloud

HUC 10 Number: 701020301 HUC 12 Number: 70102030103

HUC 12 Name: City of Saint Cloud-Mississippi River

DWSMA Code: Not reported **DWSMA Name:** Not reported Federal Regulations: Not reported Federal State Regulations: Not reported State Regulations: Not reported Non Regulations: Not reported Not reported SF Volume: Score Year: Not reported NPL: Not reported PLP: Not reported MNTBA: Not reported

Extra Details:

1605-AREA0000000001 Item ID:

AI ID: 1605 Site ID: SA0008812

SI ID:

SIW19980001 Activity ID: Activity Type: Site Assessment Investigation

Activity Year: 1998 Activity Number:

Site Start Date: 01/01/1987 Leak Discovered Date: Not reported Leak Reported Date: Not reported Leak Reopen Date: Not reported Received Date: 01/01/1987 Discovered Date: Not reported Staff Assigined Date: Not reported Application Complete Date: Not reported Site Closed Date: 08/04/1998 NPL Listed Date: Not reported NPL Deleted Date: Not reported PLP List Date: Not reported PLP Delisted Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

FF Approved Date: Not reported FF Closed Date: Not reported Inventory Complete Date: Not reported Site Evaluation Date: Not reported Remedy Imp Date: Not reported Remedy Sel Date: Not reported Compliance Date: Not reported NFA Descision Date: Not reported

Name: ST. AUGUSTA SANITARY LANDFILL/ENGEN DUMP

Address: 4901 HEATHERWOOD LN

Address 2: Not reported

City, State, Zip: SAINT CLOUD, MN 56301

Facility ID: SR0000151

Item ID: 1605-AREA0000000002

AI ID: 1605

AI Name: Saint Augusta Landfill Facility Type: Superfund Site Hydro: Not reported

Project Manager: Gary Krueger (no longer at MPCA)

Latitude: 45.48324625 Longitude: -94.13662532

Coord Collection Method: Digitized - MPCA internal map

Migrated: Not reported

WIMN:

Owner: Not reported Owner Address: Not reported Owner City: Not reported Owner State: Not reported Owner ZIP: Not reported BPET: Not reported BVIC: Not reported SEMS: Not reported UNP Dump: Not reported

IC: Y

HRS Score: Not reported Status: Closed Acreage: Not reported

Location Description: Near St. Augusta, 4 miles S of St. Cloud just E of I-94

Congress District: 6
House Distrist: 14A
Senate District: 14
HUC 8 Number: 7010203

HUC 8 Name: Mississippi River - St. Cloud

 HUC 10 Number:
 701020301

 HUC 12 Number:
 70102030103

HUC 12 Name: City of Saint Cloud-Mississippi River

DWSMA Code: Not reported **DWSMA Name:** Not reported Federal Regulations: Not reported Federal State Regulations: Not reported State Regulations: Not reported Non Regulations: Not reported SF Volume: Not reported Score Year: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

NPL: Y PLP: Y

MNTBA: Not reported

Extra Details:

Item ID: 1605-AREA0000000002

AI ID: 1605 Site ID: SR0000151 SI ID: 2

Activity ID: SIW19980002

Activity Type: Superfund Investigation/Cleanup

Activity Year: 1998 Activity Number: Site Start Date: 04/01/1985 Leak Discovered Date: Not reported Leak Reported Date: Not reported Leak Reopen Date: Not reported Received Date: Not reported Discovered Date: 04/01/1985 01/06/1998 Staff Assigined Date: Application Complete Date: 01/06/1998 Site Closed Date: 01/03/1998 NPL Listed Date: Not reported NPL Deleted Date: 11/14/1996 10/30/1984 PLP List Date: PLP Delisted Date: 06/30/1996

FF Approved Date: Not reported FF Closed Date: Not reported Inventory Complete Date: Not reported Site Evaluation Date: Not reported Remedy Imp Date: Not reported Remedy Sel Date: Not reported Compliance Date: Not reported NFA Descision Date: Not reported

Facility:

Name: ST. AUGUSTA SANITARY LANDFILL/ENGEN DUMP

Address: 4901 HEATHERWOOD LN City,State,Zip: SAINT CLOUD, MN 56301

Facility Id: SR0000151

Extra Details:

Item ID: 1605-AREA000000002

AI ID: 1605 Site ID: SR0000151

 SI ID:
 2

 Activity ID:
 SIW19980002

Activity Type: Superfund Investigation/Cleanup

Activity Year: 1998
Activity Number: 2

Site Start Date: 04/01/1985
Leak Discovered Date: Not reported
Leak Reported Date: Not reported
Leak Reopen Date: Not reported
Received Date: Not reported
Discovered Date: Not reported
Discovered Date: 04/01/1985
Staff Assigined Date: 01/06/1998

Direction Distance

Elevation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

S117413409

EDR ID Number

Application Complete Date: 01/06/1998 01/03/1998 Site Closed Date: NPL Listed Date: Not reported NPL Deleted Date: 11/14/1996 PLP List Date: 10/30/1984 PLP Delisted Date: 06/30/1996 FF Approved Date: Not reported FF Closed Date: Not reported Inventory Complete Date: Not reported Site Evaluation Date: Not reported Remedy Imp Date: Not reported Remedy Sel Date: Not reported Compliance Date: Not reported NFA Descision Date: Not reported

NPDES:

Name: St. Augusta Sanitary Landfill Address: 4901 Heatherwood Ln City, State, Zip: SAINT CLOUD, MN 56301

Active: Active MNRNE3BYV Activity ID: Preferred ID: Not reported Activity Sys ID: 1605 Activity Type: Not reported Activity Type Code: Not reported Effective Start Date: 03/22/2021 End Date: Not reported Alternative Method: Not reported Not reported Coverage Date: Latitude Degree: 45.483235 Longitude Degree: -94.136628 Location Description: Not reported New Imp Area: Not reported

New Imp Area: Not reported Old Imp Area: Not reported Online Submittal: Not reported Other Project Type Description: Not reported

Owner Name: Minnesota Pollution Control Agency

Owner Organization Type: Not reported Permit Sys ID: 4443018
Project Name: Not reported Project Size: Not reported Termination Date: Not reported Acres: Not reported

Activity Description: Closed Sanitary landfill

No Exposure: Yes

One Mile: Not reported

Permit Type: No Exposure Exclusion

Sector List:

Major Watershed: Not reported HUC: Not reported **Expiration Date:** Not reported Effective Permit: Not reported NPDES Flag: Not reported Major Minor: Not reported Fac Class: Not reported Land Application Type: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAINT AUGUSTA LANDFILL (Continued)

Active:

S117413409

EDR ID Number

SIC 1: Not reported
Data Manager: Not reported
Permit Writer: Not reported
Engineer: Not reported
Hydro: Not reported
Coordinate Method: Not reported
Contractor Name: Not reported

Name: St Augusta Sanitary Landfill Address: 4901 Heatherwood Ln City, State, Zip: SAINT CLOUD, MN 56301

Inactive

MNRNE3CZ7 Activity ID: Preferred ID: Not reported Activity Sys ID: 1605 Activity Type: Not reported Activity Type Code: Not reported Effective Start Date: 04/05/2015 End Date: Not reported Alternative Method: Not reported Coverage Date: Not reported Latitude Degree: 45.483235 Longitude Degree: -94.1366286 Location Description: Not reported New Imp Area: Not reported Old Imp Area: Not reported Online Submittal: Not reported Other Project Type Description: Not reported

Owner Name: Minnesota Pollution Control Agency

Owner Organization Type: Not reported Permit Sys ID: 141227
Project Name: Not reported Project Size: Not reported Termination Date: Not reported

Acres: 0

Activity Description: Closed Sanitary landfill

No Exposure: Yes
One Mile: Not reported

Permit Type: No Exposure Exclusion

Sector List:

Major Watershed: Not reported HUC: Not reported **Expiration Date:** Not reported Effective Permit: Not reported NPDES Flag: Not reported Major Minor: Not reported Fac Class: Not reported Land Application Type: Not reported SIC 1: Not reported Data Manager: Not reported Not reported Permit Writer: Engineer: Not reported Not reported Hydro: Coordinate Method: Not reported Contractor Name: Not reported

Direction Distance

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

WIMN:

Name: Saint Augusta Landfill Address: 4901 Heatherwood Ln Address Description: 4901 Heatherwood Ln City, State, Zip: SAINT CLOUD, MN 56301

Status:

45.483235090000001 Latitude: -94.136628680000001 Longitude: Item ID: 1605-AISI0000001605

AI ID: 1605 Document ID: 0 Subject Item Type Code: CON Subject Item Category Code: AISI Subject Item ID: 1605

Subject Item Category Description: Agency Interest Subject Item Type Description: Conventional Site Description: Not reported Subject Item Designation: Not reported MPCA Program: Multiple Programs SR; ST; SW Program List: City, Township or Unorganized code: 239648

Congressional District Code: 6 House District: 14A Senate District: 14 USGS 8-digits: 07010203

City, Township or Unorganized Name:

USGS 8-digits Name: Mississippi River - St. Cloud

USGS 10-digits: 0701020301 USGS 12-digits: 070102030103

USGS 12-digits Name: City of Saint Cloud-Mississippi River

Saint Cloud

MDH Drinking Water Management Code: Not reported MDH Drinking Water Management Name: Not reported Location Description: CsII: Center Of Site Township, Range, Direction, Section QQ: 12327207bb PLS Township: 123 Range: 27

Range Direction: W Section: 07 Quarters: bb Collection Method Code: 11

Digitized-DRG Method Description:

Ref Code: **GEN**

Ref Description: **General Location**

Location Verified Flag: Ν

06/26/2024 Collection Date: 08/05/1996 Timestamp of Creation: User Name of Creator: DELTA_M_R1 06/26/2024 Timestamp of Last Update: User Name of Last Update: geo_nc Status Date: Not reported The Delta Spatial ID: 3151

Activity:

Activity List: CERCLIS Site; Industrial Stormwater; Site Assessment; Solid Waste,

Closed Landfill managed by MPCA; Superfund, Federal Superfund project

and State Superfund project

MPCA ID:

MND981002256; MNRNE369Q; MNRNE3BYV; MNRNE3CZ7; SA0008812; SR0000151 MPCA List:

Map ID MAP FINDINGS Direction

Distance

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

SAINT AUGUSTA LANDFILL (Continued)

S117413409

SW-35

Program List: Investigation and Cleanup; Stormwater; Solid Waste

Classification: Not reported

Site URL:

WIMN Detail as of Aug 2016:

Legislative District: 14A

Latitude: 45.48323509 -94.13662868 Longitude:

Activity: Industrial Stormwater Permit MPCÁ ID: MNRNE3BYV

Major Watershed: Mississippi River - St. Cloud GPS - Other

Coordinate Collection Method: Status: Active Count: 0 records. ORPHAN SUMMARY

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

NO SITES FOUND

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 03/27/2025 Source: EPA
Date Data Arrived at EDR: 04/01/2025 Telephone: N/A

Date Made Active in Reports: 04/24/2025 Last EDR Contact: 05/01/2025

Number of Days to Update: 23 Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

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

EPA Region 3 EPA Region 7

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

EPA Region 4 EPA Region 8

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

EPA Region 5 EPA Region 9

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

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 03/27/2025 Source: EPA
Date Data Arrived at EDR: 04/01/2025 Telephone: N/A

Date Made Active in Reports: 04/24/2025 Last EDR Contact: 05/01/2025 Number of Days to Update: 23 Next Scheduled EDR Contact:

Next Scheduled EDR Contact: 07/07/2025 Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: 56

Source: EPA

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Source: EPA

Date of Government Version: 03/27/2025 Date Data Arrived at EDR: 04/01/2025 Date Made Active in Reports: 04/24/2025

Number of Days to Update: 23

Telephone: N/A Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 07/07/2025 Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/20/2024 Date Data Arrived at EDR: 12/18/2024 Date Made Active in Reports: 12/20/2024

Number of Days to Update: 2

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 03/27/2025

Next Scheduled EDR Contact: 07/07/2025 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 03/27/2025 Date Data Arrived at EDR: 04/01/2025 Date Made Active in Reports: 04/24/2025

Number of Days to Update: 23

Source: EPA Telephone: 800-424-9346

Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 07/21/2025 Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 03/27/2025 Date Data Arrived at EDR: 04/01/2025 Date Made Active in Reports: 04/24/2025

Number of Days to Update: 23

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 07/21/2025 Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/17/2025 Date Data Arrived at EDR: 02/19/2025 Date Made Active in Reports: 03/06/2025

Number of Days to Update: 15

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 02/17/2025 Date Data Arrived at EDR: 02/19/2025 Date Made Active in Reports: 03/06/2025

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 02/17/2025 Date Data Arrived at EDR: 02/19/2025 Date Made Active in Reports: 03/06/2025

Number of Days to Update: 15

Source: Environmental Protection Agency Telephone: 312-886-6186

Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 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: 02/17/2025 Date Data Arrived at EDR: 02/19/2025 Date Made Active in Reports: 03/06/2025

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Quarterly

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

Date of Government Version: 02/17/2025 Date Data Arrived at EDR: 02/19/2025 Date Made Active in Reports: 03/06/2025

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 11/11/2024 Date Data Arrived at EDR: 11/25/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 85

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 04/30/2025

Next Scheduled EDR Contact: 08/18/2025 Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 01/29/2025 Date Data Arrived at EDR: 02/18/2025 Date Made Active in Reports: 04/29/2025

Number of Days to Update: 70

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/18/2025

Next Scheduled EDR Contact: 12/02/2024 Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 01/29/2025 Date Data Arrived at EDR: 02/18/2025 Date Made Active in Reports: 04/29/2025

Number of Days to Update: 70

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/18/2025

Next Scheduled EDR Contact: 06/02/2025

Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

substances.

Date of Government Version: 12/03/2024 Date Data Arrived at EDR: 12/11/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 69

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

MN PLP: Permanent List of Priorities

The list identifies hazardous waste sites where investigation and cleanup are needed, cleanup is underway, or cleanup has been completed and long-term monitoring or maintenance continues.

Date of Government Version: 02/21/2025 Date Data Arrived at EDR: 02/25/2025 Date Made Active in Reports: 05/12/2025

Number of Days to Update: 76

Source: Pollution Control Agency Telephone: 651-296-6139 Last EDR Contact: 02/25/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Semi-Annually

Lists of state- and tribal hazardous waste facilities

SHWS: Superfund Site Information Listing

The SRS database includes all sites that the State Superfund Program is dealing with or has dealt with. The Superfund Program identifies, investigates and determines appropriate cleanup plans for abandoned or uncontrolled hazardous waste sites where a release or potential release of a hazardous substance poses a risk to human health or the environment.

Date of Government Version: 02/21/2025 Date Data Arrived at EDR: 02/25/2025 Date Made Active in Reports: 05/12/2025

Number of Days to Update: 76

Source: Minnesota Pollution Control Agency

Telephone: 651-296-6300 Last EDR Contact: 02/25/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

UNPERM LF: Unpermitted Facilities

These are facilities that have solid waste disposal yet are not permitted.

Date of Government Version: 01/17/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Pollution Control Agency Telephone: 651-757-2665 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Semi-Annually

SWF/LF: Permitted Solid Waste Disposal Facilities

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: 01/17/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Minnesota Pollution Control Agency

Telephone: 651-296-7276 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Quarterly

LCP: Closed Landfills Priority List

The Minnesota Legislature enacted a law to manage and clean up the state's closed Mixed Municipal Solid Waste Landfills. Under that law, the MPCA is required to create and periodically revise a priority list of qualified landfills, based on the relative health and environmental risks they present. The MPCA established the first such priority list in December, 1994.

Date of Government Version: 03/31/2019 Date Data Arrived at EDR: 04/11/2019 Date Made Active in Reports: 05/10/2019

Number of Days to Update: 29

Source: Minnesota Pollution Control Agency

Telephone: 651-296-9543

Source: Pollution Control Agency, GIS Section

Telephone: 651-296-7266 Last EDR Contact: 05/07/2025

Next Scheduled EDR Contact: 08/25/2025 Data Release Frequency: Annually

Lists of state and tribal leaking storage tanks

LUST: Leak Sites

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

Date of Government Version: 01/17/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Minnesota Pollution Control Agency

Telephone: 651-296-6300 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Semi-Annually

LAST: Leaking Aboveground Storage Tanks
A listing of leaking aboveground storage tanks.

Date of Government Version: 01/17/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Pollution Control Agency Telephone: 651-296-6300 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Semi-Annually

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

Date of Government Version: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

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

Date of Government Version: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 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: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025

Data Release Frequency: Varies

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

Date of Government Version: 01/07/2025 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 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: 01/07/2025 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 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: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 04/08/2025 Date Data Arrived at EDR: 04/23/2025 Date Made Active in Reports: 04/24/2025

Number of Days to Update: 1

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 03/26/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

UST: Underground Storage Tank Database

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

Date of Government Version: 01/17/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Minnesota Pollution Control Agency

Telephone: 651-649-5451 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Semi-Annually

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 01/17/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Minnesota Pollution Control Agency

Telephone: 651-296-0930 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Semi-Annually

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: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025

Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/08/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/15/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/07/2025 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 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: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025

Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025

Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/18/2024 Date Data Arrived at EDR: 01/16/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 81

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Site Remediation Section Database Sites that have an Institutional Control event.

Date of Government Version: 02/22/2025 Date Data Arrived at EDR: 02/25/2025 Date Made Active in Reports: 05/13/2025

Number of Days to Update: 77

Source: Pollution Control Agency Telephone: 512-296-6300 Last EDR Contact: 02/25/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Semi-Annually

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 03/12/2025

Next Scheduled EDR Contact: 06/30/2025

Data Release Frequency: Varies

VIC: Voluntary Investigation and Cleanup Program

Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 02/21/2025 Date Data Arrived at EDR: 02/25/2025 Date Made Active in Reports: 05/13/2025

Number of Days to Update: 77

Source: Minnesota Pollution Control Agency

Telephone: 651-296-7291 Last EDR Contact: 02/25/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

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

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Petroleum Brownfields Program Sites

Purchasing, selling, or developing property can present a special set of obstacles if the property is contaminated with chemicals. The Petroleum Brownfields Program is one of several programs within the Minnesota Pollution Control Agency (MPCA) designed to help people address these obstacles. The purpose of the Petroleum Brownfields Program is to provide the technical assistance and liability assurance needed to expedite and facilitate the development, transfer, investigation and/or cleanup of property that is contaminated with petroleum.

Date of Government Version: 02/21/2025 Date Data Arrived at EDR: 02/25/2025 Date Made Active in Reports: 05/12/2025

Number of Days to Update: 76

Source: Pollution Control Agency Telephone: 651-296-7999 Last EDR Contact: 02/25/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Semi-Annually

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: 09/09/2024 Date Data Arrived at EDR: 09/11/2024 Date Made Active in Reports: 12/06/2024

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/12/2025

Next Scheduled EDR Contact: 06/23/2025 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities

A listing of companies that accept commercial quantities of recyclable materials.

Date of Government Version: 10/28/2024 Date Data Arrived at EDR: 10/29/2024 Date Made Active in Reports: 01/16/2025

Number of Days to Update: 79

Source: Pollution Control Agency Telephone: 651-296-6300 Last EDR Contact: 04/23/2025

Next Scheduled EDR Contact: 08/11/2025

Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 04/21/2025

Next Scheduled EDR Contact: 08/04/2025 Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside

County and northern Imperial County, California.

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

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/09/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

Subtitle D Criteria.

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

Number of Days to Update: 39

Source: Environmental Protection Agency

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

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

Date of Government Version: 02/07/2024 Date Data Arrived at EDR: 11/13/2024 Date Made Active in Reports: 11/19/2024

Number of Days to Update: 6

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

Telephone: 301-443-1452 Last EDR Contact: 04/30/2025

Next Scheduled EDR Contact: 08/04/2025

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory

Register.

Date of Government Version: 12/31/2024 Date Data Arrived at EDR: 02/20/2025 Date Made Active in Reports: 04/29/2025

Number of Days to Update: 68

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 Data Release Frequency: No Update Planned

SRS: Site Remediation Section Database

The database contains site information for sites monitored by the Site Remediation Section.

Date of Government Version: 02/21/2025 Date Data Arrived at EDR: 02/25/2025 Date Made Active in Reports: 05/12/2025

Number of Days to Update: 76

Source: Pollution Control Agency Telephone: 651-282-5988 Last EDR Contact: 02/25/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Semi-Annually

CDL: Clandestine Drug Labs

This data was passively gathered. That is, the DOH asks law enforcement and other agencies to notify them of Clandestine Drug Labs (CDLs). They do not require reporting of events. Therefore the data represents only a subset of all CDLs. This data has not been verified. The DOH has made no attempt to verify that reported CDLs actually occurred. They have no knowledge if the CDL was involved in cooking or just consisted of chemicals associated with Meth production. The reports they receive are that a suspected CDL was seized.

Date of Government Version: 05/09/2023 Date Data Arrived at EDR: 05/10/2023 Date Made Active in Reports: 08/04/2023

Number of Days to Update: 86

Source: Department of Health Telephone: 651-215-5800 Last EDR Contact: 03/19/2025

Next Scheduled EDR Contact: 07/07/2025 Data Release Frequency: Quarterly

MN DEL PLP: Delisted Permanent List of Priorities

This generally means that either no more cleanup at a site is needed or that no state superfund funding is needed for long term monitoring activities.

Date of Government Version: 02/21/2025 Date Data Arrived at EDR: 02/25/2025 Date Made Active in Reports: 05/12/2025

Number of Days to Update: 76

Source: Pollution Control Agency Telephone: 651-296-6139 Last EDR Contact: 02/25/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Semi-Annually

US CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2024 Date Data Arrived at EDR: 02/20/2025 Date Made Active in Reports: 04/29/2025

Number of Days to Update: 68

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens

Sites included in the Site Remediation System Database that have Environmental Liens.

Date of Government Version: 03/01/2025 Date Data Arrived at EDR: 03/04/2025 Date Made Active in Reports: 05/15/2025

Number of Days to Update: 72

Source: Pollution Control Agency Telephone: 602-282-5988 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: No Update Planned

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: 03/27/2025 Date Data Arrived at EDR: 04/01/2025 Date Made Active in Reports: 04/24/2025

Number of Days to Update: 23

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 07/07/2025 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/10/2024 Date Data Arrived at EDR: 12/11/2024 Date Made Active in Reports: 02/27/2025

Number of Days to Update: 78

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Quarterly

SPILLS: Spills Database

Spills reported to the Pollution Control Agency.

Date of Government Version: 01/17/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Minnesota Pollution Control Agency

Telephone: 651-649-5451 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Semi-Annually

AG SPILLS: Department of Agriculture Spills

This data is a list of pesticide/fertilizer incidents reported to have occurred in Minnesota.

Date of Government Version: 01/23/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Department of Agriculture Telephone: 651-297-3997 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Quarterly

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: 11/01/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/11/2013

Number of Days to Update: 39

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/20/2001 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/06/2013

Number of Days to Update: 62

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 02/17/2025 Date Data Arrived at EDR: 02/19/2025 Date Made Active in Reports: 03/06/2025

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/30/2025 Date Data Arrived at EDR: 02/11/2025 Date Made Active in Reports: 04/24/2025

Number of Days to Update: 72

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/13/2025

Next Scheduled EDR Contact: 08/25/2025 Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021 Date Data Arrived at EDR: 07/13/2021 Date Made Active in Reports: 03/09/2022

Number of Days to Update: 239

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/08/2025

Next Scheduled EDR Contact: 07/21/2025

Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019

Number of Days to Update: 574

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/03/2025

Next Scheduled EDR Contact: 07/14/2025

Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021 Date Data Arrived at EDR: 02/03/2023 Date Made Active in Reports: 02/10/2023

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/08/2025

Next Scheduled EDR Contact: 08/18/2025 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: 02/17/2025 Date Data Arrived at EDR: 02/19/2025 Date Made Active in Reports: 03/06/2025

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

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

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 04/28/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 06/14/2022 Date Made Active in Reports: 03/24/2023

Number of Days to Update: 283

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/10/2025

Next Scheduled EDR Contact: 06/23/2025 Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2023 Date Data Arrived at EDR: 02/11/2025 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 7

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/15/2025

Next Scheduled EDR Contact: 08/25/2025 Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 01/13/2025 Date Data Arrived at EDR: 01/15/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 82

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/15/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 01/29/2025 Date Data Arrived at EDR: 02/03/2025 Date Made Active in Reports: 02/27/2025

Number of Days to Update: 24

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 01/01/2025 Date Data Arrived at EDR: 01/17/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/10/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008

Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 02/26/2025 Date Data Arrived at EDR: 03/03/2025 Date Made Active in Reports: 04/07/2025

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 08/11/2025 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: 07/01/2024 Date Data Arrived at EDR: 10/02/2024 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 100

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/03/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 03/26/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Quarterly

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

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

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

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/12/2024 Date Data Arrived at EDR: 10/17/2024 Date Made Active in Reports: 11/19/2024

Number of Days to Update: 33

Source: Nuclear Regulatory Commission

Telephone: 301-415-0717 Last EDR Contact: 04/10/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2023 Date Data Arrived at EDR: 10/16/2024 Date Made Active in Reports: 01/14/2025

Number of Days to Update: 90

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 02/24/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019

Number of Days to Update: 251

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 02/24/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019 Date Data Arrived at EDR: 11/06/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 96

Source: Environmental Protection Agency Telephone: 202-566-0517

Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 03/20/2025

Next Scheduled EDR Contact: 07/07/2025 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

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

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/10/2025 Date Data Arrived at EDR: 01/22/2025 Date Made Active in Reports: 04/21/2025

Number of Days to Update: 89

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 04/22/2025

Next Scheduled EDR Contact: 08/04/2025 Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2024 Date Data Arrived at EDR: 01/27/2025 Date Made Active in Reports: 04/21/2025

Number of Days to Update: 84

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 03/26/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2023 Date Data Arrived at EDR: 02/19/2025 Date Made Active in Reports: 03/07/2025

Number of Days to Update: 16

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

than 640 acres.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/01/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023 Date Data Arrived at EDR: 03/03/2023 Date Made Active in Reports: 06/09/2023

Number of Days to Update: 98

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 08/11/2025

Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 02/12/2025 Date Data Arrived at EDR: 02/12/2025 Date Made Active in Reports: 02/27/2025

Number of Days to Update: 15

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/15/2025

Next Scheduled EDR Contact: 08/25/2025

Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/27/2025 Date Data Arrived at EDR: 04/01/2025 Date Made Active in Reports: 04/24/2025

Number of Days to Update: 23

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 05/01/2025

Next Scheduled EDR Contact: 07/07/2025

Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 02/19/2025 Date Data Arrived at EDR: 02/21/2025 Date Made Active in Reports: 03/20/2025

Number of Days to Update: 27

Source: DOL, Mine Safety & Health Admi

Telephone: 202-693-9424 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 09/01/2025 Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 02/03/2025 Date Data Arrived at EDR: 02/18/2025 Date Made Active in Reports: 03/20/2025

Number of Days to Update: 30

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 02/18/2025

Next Scheduled EDR Contact: 06/02/2025 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 05/02/2024 Date Data Arrived at EDR: 08/20/2024 Date Made Active in Reports: 10/09/2024

Number of Days to Update: 50

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

> Date of Government Version: 06/04/2024 Date Data Arrived at EDR: 11/22/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 88

Source: USGS

Telephone: 703-648-6533 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/10/2024 Date Data Arrived at EDR: 12/11/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 69

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 03/12/2025

Next Scheduled EDR Contact: 06/16/2025 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: 11/11/2024 Date Data Arrived at EDR: 11/20/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 90

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 05/05/2025

Next Scheduled EDR Contact: 06/09/2025 Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 12/21/2024 Date Data Arrived at EDR: 12/27/2024 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 03/27/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

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

Number of Days to Update: 82

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 05/14/2025

Next Scheduled EDR Contact: 09/01/2025 Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023 Date Data Arrived at EDR: 09/13/2023 Date Made Active in Reports: 12/11/2023

Number of Days to Update: 89

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/03/2025

Next Scheduled EDR Contact: 07/21/2025 Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 02/13/2025 Date Data Arrived at EDR: 02/13/2025 Date Made Active in Reports: 04/29/2025

Number of Days to Update: 75

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 05/13/2025

Next Scheduled EDR Contact: 08/25/2025 Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

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

Date of Government Version: 03/31/2025 Date Data Arrived at EDR: 04/02/2025 Date Made Active in Reports: 05/05/2025

Number of Days to Update: 33

Source: Environmental Protection Agency

Telephone: 703-603-8895 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

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

Date of Government Version: 03/31/2025 Date Data Arrived at EDR: 04/02/2025 Date Made Active in Reports: 05/05/2025

Number of Days to Update: 33

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2025 Date Data Arrived at EDR: 04/02/2025 Date Made Active in Reports: 05/05/2025

Number of Days to Update: 33

Source: Environmental Protection Agency

Telephone: 202-566-0250 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

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

Date of Government Version: 03/31/2025 Date Data Arrived at EDR: 04/02/2025 Date Made Active in Reports: 05/05/2025

Number of Days to Update: 33

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

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

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

Date of Government Version: 03/23/2025 Date Data Arrived at EDR: 04/02/2025 Date Made Active in Reports: 05/05/2025

Number of Days to Update: 33

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

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

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

Number of Days to Update: 601

Source: Department of Health & Human Services

Telephone: 202-741-5770 Last EDR Contact: 04/17/2025

Next Scheduled EDR Contact: 08/04/2025

Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

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

Date of Government Version: 12/13/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/14/2025

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023 Date Data Arrived at EDR: 04/05/2024 Date Made Active in Reports: 06/06/2024

Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute

Telephone: N/A

Last EDR Contact: 03/06/2025

Next Scheduled EDR Contact: 06/16/2025 Data Release Frequency: Varies

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

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

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

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

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

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

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

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

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025

Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

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

Date of Government Version: 03/24/2025 Date Data Arrived at EDR: 04/02/2025 Date Made Active in Reports: 04/29/2025

Number of Days to Update: 27

Source: Environmental Protection Agency

Telephone: 202-267-2675 Last EDR Contact: 04/02/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

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

Number of Days to Update: 29

Source: EPA

Telephone: 202-564-2497 Last EDR Contact: 03/27/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016 Date Data Arrived at EDR: 01/06/2017 Date Made Active in Reports: 03/10/2017

Number of Days to Update: 63

Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 03/27/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 01/12/2025 Date Data Arrived at EDR: 01/14/2025 Date Made Active in Reports: 03/20/2025

Number of Days to Update: 65

Source: Environmental Protection Agency

Telephone: 202-564-4700 Last EDR Contact: 04/15/2025

Next Scheduled EDR Contact: 07/28/2025 Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023 Date Data Arrived at EDR: 10/31/2023 Date Made Active in Reports: 01/18/2024

Number of Days to Update: 79

Source: Environmental Protecton Agency

Telephone: 202-564-0394 Last EDR Contact: 05/08/2025

Next Scheduled EDR Contact: 08/18/2025 Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023 Date Data Arrived at EDR: 10/04/2023 Date Made Active in Reports: 01/18/2024

Number of Days to Update: 106

Source: Environmental Protection Agency

Telephone: 202-564-0394 Last EDR Contact: 05/08/2025

Next Scheduled EDR Contact: 08/18/2025 Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 02/17/2025 Date Data Arrived at EDR: 02/19/2025 Date Made Active in Reports: 03/14/2025

Number of Days to Update: 23

Source: Environmental Protection Agency

Telephone: 833-501-6826 Last EDR Contact: 03/18/2025

Next Scheduled EDR Contact: 06/30/2025

Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 01/27/2025 Date Data Arrived at EDR: 01/29/2025 Date Made Active in Reports: 04/16/2025

Number of Days to Update: 77

Source: Pollution Control Agency Telephone: 651-757-2768 Last EDR Contact: 04/16/2025

Next Scheduled EDR Contact: 08/04/2025 Data Release Frequency: Varies

AIRS: Permit Contact List

A listing of permitted AIRS facilities.

Date of Government Version: 02/07/2025 Date Data Arrived at EDR: 02/11/2025 Date Made Active in Reports: 04/30/2025

Number of Days to Update: 78

Source: Pollution Control Agency Telephone: 651-296-7351 Last EDR Contact: 05/13/2025

Next Scheduled EDR Contact: 08/25/2025 Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing Asbestos sites

> Date of Government Version: 01/28/2025 Date Data Arrived at EDR: 02/27/2025 Date Made Active in Reports: 05/14/2025

Number of Days to Update: 76

Source: Department of Health Telephone: 651-201-4620 Last EDR Contact: 04/16/2025

Next Scheduled EDR Contact: 08/04/2025 Data Release Frequency: Varies

BULK: Bulk Facilities Database

Facilities that use bulk pesticides and fertilizers

Date of Government Version: 01/27/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Department of Agriculture Telephone: 651-297-3997 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 05/01/2024 Date Data Arrived at EDR: 05/02/2024 Date Made Active in Reports: 07/29/2024

Number of Days to Update: 88

Source: Pollution Control Agency Telephone: 651-757-2740 Last EDR Contact: 04/23/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaning Facilities

A listing of coin-operated laundries and drycleaning; drycleaning plants, except rug cleaning; and industrial launderers.

Date of Government Version: 09/11/2024 Date Data Arrived at EDR: 12/03/2024 Date Made Active in Reports: 02/26/2025

Number of Days to Update: 85

Source: Pollution Control Agency Telephone: 651-296-6300 Last EDR Contact: 03/06/2025

Next Scheduled EDR Contact: 06/16/2025 Data Release Frequency: Semi-Annually

ENFORCEMENT: Generators Associated with Enforcement Logs

Regulatory Compliance, Hazardous Waste Enforcement Log and Hazardous Waste Permit Unit Project Identification

Date of Government Version: 03/13/2025 Date Data Arrived at EDR: 03/14/2025 Date Made Active in Reports: 05/15/2025

Number of Days to Update: 62

Source: Minnesota Pollution Control Agency

Telephone: 651-297-8332 Last EDR Contact: 03/13/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Varies

FIN ASSURANCE 1: Financial Assurance Information Listing

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

Date of Government Version: 08/01/2016 Date Data Arrived at EDR: 08/10/2016 Date Made Active in Reports: 11/02/2016

Number of Days to Update: 84

Source: Pollutiona Control Agency Telephone: 651-297-8220 Last EDR Contact: 04/23/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Quarterly

FIN ASSURANCE 2: Financial Assurance Information listing

A listing of financial assurance information for solid waste facilities.

Date of Government Version: 01/28/2025 Date Data Arrived at EDR: 01/29/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 76

Source: Pollution Control Agency Telephone: 651-296-6066 Last EDR Contact: 04/23/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Annually

FIN ASSURANCE 3: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities.

Date of Government Version: 12/13/2024 Date Data Arrived at EDR: 12/16/2024 Date Made Active in Reports: 03/06/2025

Number of Days to Update: 80

Source: Pollution Control Agency Telephone: 651-296-7258 Last EDR Contact: 03/13/2025

Next Scheduled EDR Contact: 06/30/2025 Data Release Frequency: Varies

AGVIC: Agricultural Voluntary Investigation & Cleanup Listing

A listing of agricultural voluntary investigation & cleanup site locations.

Date of Government Version: 01/23/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Department of Agriculture Telephone: 651-201-6400 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Quarterly

MN HWS PERMIT: Active TSD Facilities
Active TSD Facilities.

Date of Government Version: 03/03/2025 Date Data Arrived at EDR: 03/04/2025 Date Made Active in Reports: 05/15/2025

Number of Days to Update: 72

Source: Minnesota Pollution Control Agency

Telephone: 651-297-8470 Last EDR Contact: 03/04/2025

Next Scheduled EDR Contact: 06/16/2025 Data Release Frequency: Annually

LEAD: Lead Inspection Listing Lead inspections

> Date of Government Version: 01/28/2025 Date Data Arrived at EDR: 02/12/2025 Date Made Active in Reports: 05/02/2025

Number of Days to Update: 79

Source: Department of Health Telephone: 651-201-4137 Last EDR Contact: 04/16/2025

Next Scheduled EDR Contact: 08/04/2025 Data Release Frequency: Varies

MN MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest data.

Date of Government Version: 06/30/2016 Date Data Arrived at EDR: 02/07/2017 Date Made Active in Reports: 04/05/2017

Number of Days to Update: 57

Source: Pollution Control Agency Telephone: 651-296-7258 Last EDR Contact: 02/26/2025

Next Scheduled EDR Contact: 06/16/2025 Data Release Frequency: Annually

MDA LIS: Licensing Information System Database Listing

Information provided lists all individuals or companies who hold licenses, certificates and/or permits required by state law and regulated by the Department. Additionally, the LIS lists all companies who must register products with the Department before being used or sold in commercial channels within our state.

Date of Government Version: 01/27/2025 Date Data Arrived at EDR: 01/28/2025 Date Made Active in Reports: 04/15/2025

Number of Days to Update: 77

Source: Department of Agriculture Telephone: 651-201-6000 Last EDR Contact: 04/29/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Quarterly

NPDES: Wastewater Permits Listing

A listing of facilities that have a wastewater permit.

Date of Government Version: 02/25/2025 Date Data Arrived at EDR: 03/04/2025 Date Made Active in Reports: 05/14/2025

Number of Days to Update: 71

Source: Minnesota Pollution Control Agency

Telephone: 651-296-6300 Last EDR Contact: 03/04/2025

Next Scheduled EDR Contact: 06/16/2025

Data Release Frequency: Varies

LS: List of Sites

The List of Sites includes: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), Permanent List of Priorities (PLP), sites delisted from the Permanent List of Priorities (DPLP), Hazardous Waste Permit Unit Project Facilities (HW PERM), List of Permitted Solid Waste Facilities (SW PERM), 1980 Metropolitan Area Waste Disposal Site Inventory (METRO), 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP).

Date of Government Version: 04/22/2009 Date Data Arrived at EDR: 07/14/2009 Date Made Active in Reports: 07/24/2009

Number of Days to Update: 10

Source: Minnesota Pollution Control Agency

Telephone: 651-297-2731

Source: Pollution Control Agency, GIS Section

Telephone: 651-297-2731 Last EDR Contact: 12/21/2011

Next Scheduled EDR Contact: 04/09/2012 Data Release Frequency: Semi-Annually

TIER 2: Tier 2 Facility Listing

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

Date of Government Version: 12/31/2022 Date Data Arrived at EDR: 09/12/2023 Date Made Active in Reports: 12/07/2023

Number of Days to Update: 86

Source: Department of Public Safety

Telephone: 651-296-2233 Last EDR Contact: 05/07/2025

Next Scheduled EDR Contact: 08/11/2025 Data Release Frequency: Annually

VAPOR: Vapor Intrusion

A listing of sites with potential or identified vapor risk. Vapor intrusion occurs when chemical vapors migrate from a source of contamination through the soil into the basements or foundations of buildings. These chemical vapors can sometimes pose risks to human health.

Date of Government Version: 02/10/2025 Date Data Arrived at EDR: 02/12/2025 Date Made Active in Reports: 04/30/2025

Number of Days to Update: 77

Source: Pollution Control Agency Telephone: 651-757-2040 Last EDR Contact: 05/07/2025

Next Scheduled EDR Contact: 08/25/2025

Data Release Frequency: Varies

WIMN: What's In My Neighborhood

Since 2003, the PCA's "What's in My Neighborhood?" database provides information about air quality, hazardous waste, remediation, solid waste, tanks and leaks, and water quality around Minnesota.

Date of Government Version: 12/27/2024 Date Data Arrived at EDR: 12/30/2024 Date Made Active in Reports: 03/17/2025

Number of Days to Update: 77

Source: Pollution Control Agency Telephone: 651-757-2593 Last EDR Contact: 04/01/2025

Next Scheduled EDR Contact: 07/14/2025 Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

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

Source: Minnesota Pollution Control Agency

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/13/2014 Number of Days to Update: 196

Source: Minnesota Pollution Control Agency

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013 Number of Days to Update: 176

Source: Minnesota Pollution Control 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: 02/02/2025 Date Data Arrived at EDR: 02/04/2025 Date Made Active in Reports: 04/24/2025

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/06/2025

Next Scheduled EDR Contact: 08/18/2025 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information Hazardous waste manifest information.

Number of Days to Update: 79

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

Number of Days to Update: 36

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 03/27/2025

Next Scheduled EDR Contact: 07/14/2025 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

acility.

Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 11/30/2023 Date Made Active in Reports: 12/01/2023

Number of Days to Update: 1

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 04/24/2025

Next Scheduled EDR Contact: 08/04/2025 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

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

Number of Days to Update: 53

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/03/2025

Next Scheduled EDR Contact: 07/21/2025 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

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

Number of Days to Update: 80

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/07/2025

Next Scheduled EDR Contact: 08/25/2025 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 02/26/2025

Next Scheduled EDR Contact: 06/16/2025 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Centers Source: Department of Human Services

Telephone: 651-296-3971

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Land Management Information Center

Telephone: 617-297-3281

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

4958 COUNTY RD 8 4958 COUNTY RD 8 SAINT CLOUD, MN 56304

TARGET PROPERTY COORDINATES

Latitude (North): 45.495562 - 45° 29' 44.02" Longitude (West): 94.11673 - 94° 7' 0.23"

Universal Tranverse Mercator: Zone 15 UTM X (Meters): 412744.1 UTM Y (Meters): 5038392.5

Elevation: 1021 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 50008852 CLEARWATER, MN

Version Date: 2022

Northeast Map: 50008472 CABLE, MN

Version Date: 2022

Southwest Map: 50008514 SAINT AUGUSTA, MN

Version Date: 2022

Northwest Map: 50008515 SAINT CLOUD, MN

Version Date: 2022

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

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

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

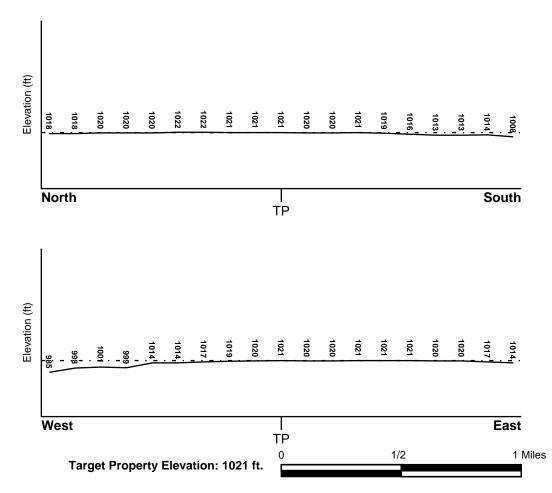
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

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.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property FEMA Source Type

27141C0180F FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

27145C0645E FEMA FIRM Flood data 27141C0040F FEMA FIRM Flood data 27145C0860E FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

CLEARWATER YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

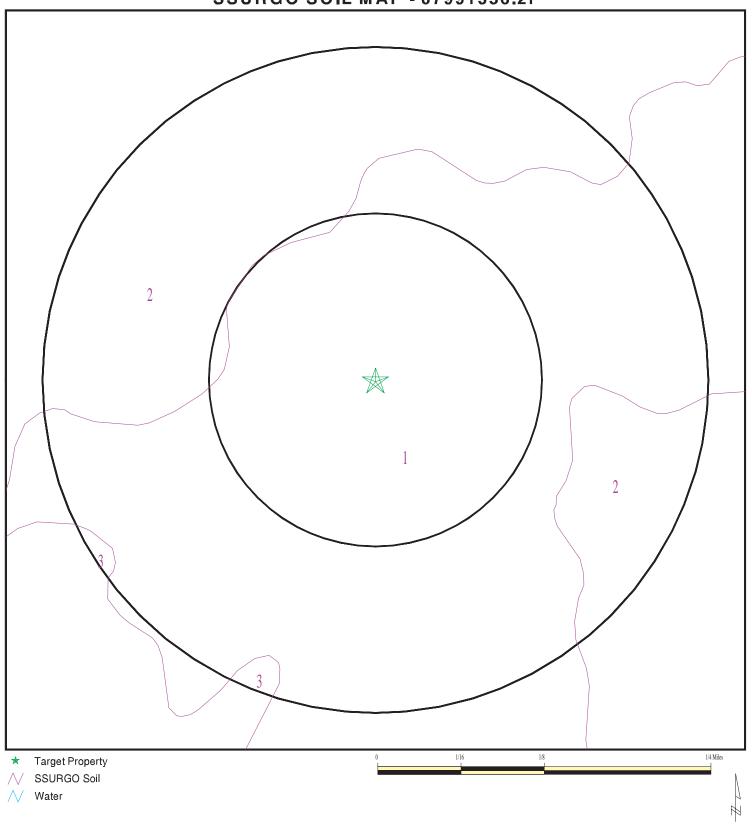
Era: Precambrian Category: Plutonic and Intrusive Rocks

System: Precambrian
Series: X granitic rocks

Code: Xg (decoded above as Era, System & Series)

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

SSURGO SOIL MAP - 07991556.2r



SITE NAME: 4958 County Rd 8 ADDRESS: 4958 County Rd 8 Saint Cloud MN 56304 LAT/LONG: 45.495562 / 94.11673 CLIENT: AECOM
CONTACT: Emily Pearson
INQUIRY #: 07991556.2r
DATE: May 16, 2025 4

TE: May 16, 2025 4:39 pm

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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: Hubbard

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information											
Layer	Boundary			Classification		Saturated hydraulic					
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec					
1	0 inches	20 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.14 Min: 42.34	Max: 7.8 Min: 5.6				
2	20 inches	31 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.14 Min: 42.34	Max: 7.8 Min: 5.6				
3	31 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.14 Min: 42.34	Max: 7.8 Min: 5.6				

Soil Map ID: 2

Soil Component Name: Hubbard

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information											
Layer	Boundary			Classification		Saturated hydraulic						
	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec						
1	0 inches	12 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.14 Min: 42.34	Max: 7.8 Min: 5.6					
2	12 inches	18 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.14 Min: 42.34	Max: 7.8 Min: 5.6					
3	18 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.14 Min: 42.34	Max: 7.8 Min: 5.6					

Soil Map ID: 3

Soil Component Name: Hubbard

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Boundary			Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	18 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.14 Min: 42.34	Max: 7.8 Min: 5.6
2	18 inches	22 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.14 Min: 42.34	Max: 7.8 Min: 5.6
3	22 inches	79 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141.14 Min: 42.34	Max: 7.8 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

		LOCATION
MAP ID	WELL ID	LOCATION FROM TP
	USGS40000547463	1/8 - 1/4 Mile SSE
B5	USGS40000547475	1/8 - 1/4 Mile SW
C6	USGS40000547474	1/8 - 1/4 Mile SE
F15	USGS40000547441	1/4 - 1/2 Mile SE
H19	USGS40000547694	1/4 - 1/2 Mile NW
H20	USGS40000547695	1/4 - 1/2 Mile NW
I21	USGS40000547464	1/4 - 1/2 Mile WSW
K40	USGS40000547727	1/4 - 1/2 Mile NW
42	USGS40000547869	1/4 - 1/2 Mile NNW
O47	USGS40000547733	1/4 - 1/2 Mile WNW
V63	USGS40000547925	1/2 - 1 Mile North
AG110	USGS40000547677	1/2 - 1 Mile WNW
AH111	USGS40000547757	1/2 - 1 Mile WNW
124	USGS40000547211	1/2 - 1 Mile SSE
AH125	USGS40000547800	1/2 - 1 Mile WNW
AO134	USGS40000547870	1/2 - 1 Mile NW
AQ139	USGS40000547645	1/2 - 1 Mile West
AR143	USGS40000547696	1/2 - 1 Mile WNW
AS144	USGS40000547311	1/2 - 1 Mile ESE
AT145	USGS40000547728	1/2 - 1 Mile WNW
AR149	USGS40000547720	1/2 - 1 Mile WNW
AQ151	USGS40000547666	1/2 - 1 Mile West
AQ152	USGS40000547678	1/2 - 1 Mile West
AS155	USGS40000547282	1/2 - 1 Mile SE
AO156	USGS40000547887	1/2 - 1 Mile NW
AV162	USGS40000547781	1/2 - 1 Mile WNW
AW164	USGS40000548098	1/2 - 1 Mile North
AV168	USGS40000547821	1/2 - 1 Mile WNW
AW171	USGS40000548121	1/2 - 1 Mile North
AX174	USGS40000547888	1/2 - 1 Mile WNW
AW177	USGS40000548133	1/2 - 1 Mile North
AY180	USGS40000547161	1/2 - 1 Mile SW
AZ181	USGS40000547815	1/2 - 1 Mile WNW
182	USGS40000547134	1/2 - 1 Mile SSW
BB187	USGS40000547092	1/2 - 1 Mile SSW
AX189	USGS40000547913	1/2 - 1 Mile NW
BC190	USGS40000547083	1/2 - 1 Mile South
BC191 193	USGS40000547084 USGS40000547886	1/2 - 1 Mile South 1/2 - 1 Mile ENE
BA194 197	USGS40000547926 USGS40000547063	1/2 - 1 Mile NW 1/2 - 1 Mile South
197 BB200	USGS40000547063 USGS40000547071	1/2 - 1 Mile South
BB200 BB203	USGS40000547071 USGS40000547072	1/2 - 1 Mile SSW
BE204	USGS40000547072 USGS40000547093	1/2 - 1 Mile SSW
BF208	USGS40000547093 USGS40000547073	1/2 - 1 Mile SSW
טו 200	030340000347073	1/2 - I WIIIG 33W

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

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

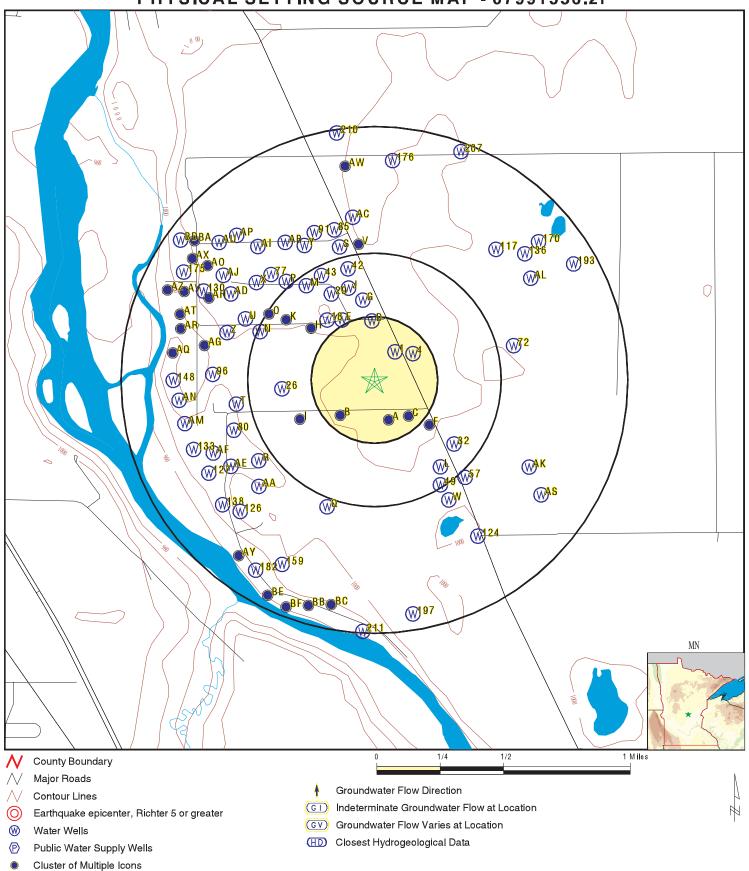
		LOCATION
MAP ID	WELL ID	FROM TP
1 A3	MN8000000209579 MN800000096127	1/8 - 1/4 Mile NE 1/8 - 1/4 Mile SSE
43 4	MN8000000098127 MN8000000209576	1/8 - 1/4 Mile SSE
C7	MN8000000209376	1/8 - 1/4 Mile NE
B8	MN80000000039110	1/8 - 1/4 Mile SU
D9	MN8000000039110	1/8 - 1/4 Mile Svv
D10	MN8000000209800 MN8000000121016	1/8 - 1/4 Mile North
D10 D11	MN8000000121016 MN8000000209601	1/8 - 1/4 Mile North
E12	MN800000209501 MN8000000209599	1/8 - 1/4 Mile NNW
D13	MN8000000209399	1/4 - 1/2 Mile North
F14	MN8000000209701	1/4 - 1/2 Mile SE
G16	MN8000000170704 MN8000000209787	1/4 - 1/2 Mile SL
E17	MN8000000209787	1/4 - 1/2 Mile NNW
18	MN8000000209602	1/4 - 1/2 Mile NW
122	MN8000000184542	1/4 - 1/2 Mile WSW
H23	MN8000000104542	1/4 - 1/2 Mile NW
G24	MN8000000209393	1/4 - 1/2 Mile North
H25	MN8000000209794	1/4 - 1/2 Mile NW
26	MN8000000209559	1/4 - 1/2 Mile West
J27	MN8000000209800	1/4 - 1/2 Mile NNW
J28	MN8000000209686	1/4 - 1/2 Mile NNW
29	MN8000000213430	1/4 - 1/2 Mile NNW
J30	MN8000000210400	1/4 - 1/2 Mile NNW
K31	MN800000209596	1/4 - 1/2 Mile WNW
32	MN800000213406	1/4 - 1/2 Mile SE
K33	MN800000209611	1/4 - 1/2 Mile NW
K34	MN8000000213424	1/4 - 1/2 Mile NW
K35	MN8000000213418	1/4 - 1/2 Mile WNW
L36	MN800000209319	1/4 - 1/2 Mile SE
M37	MN800000213432	1/4 - 1/2 Mile NW
K38	MN800000209606	1/4 - 1/2 Mile NW
L39	MN8000000213402	1/4 - 1/2 Mile SE
K41	MN800000072148	1/4 - 1/2 Mile NW
43	MN8000000213440	1/4 - 1/2 Mile NNW
N44	MN800000209590	1/4 - 1/2 Mile WNW
M45	MN8000000213434	1/4 - 1/2 Mile NW
O46	MN800000011643	1/4 - 1/2 Mile WNW
M48	MN8000000213437	1/4 - 1/2 Mile NNW
49	MN800000209294	1/4 - 1/2 Mile SSE
P50	MN800000209799	1/4 - 1/2 Mile NW
O51	MN8000000213425	1/2 - 1 Mile WNW
O52	MN8000000213423	1/2 - 1 Mile WNW
N53	MN800000209593	1/2 - 1 Mile WNW
P54	MN8000000217192	1/2 - 1 Mile NW
Q55	MN800000209091	1/2 - 1 Mile SSW
P56	MN8000000209810	1/2 - 1 Mile NW
57	MN800000209303	1/2 - 1 Mile SE
R58	MN8000000209333	1/2 - 1 Mile SW
S59	MN8000000209824	1/2 - 1 Mile NNW
P60	MN8000000209797	1/2 - 1 Mile NW
T61	MN8000000209553	1/2 - 1 Mile West
U62	MN8000000209605	1/2 - 1 Mile WNW

MAP ID	WELL ID	LOCATION FROM TP
U64	MN8000000213417	1/2 - 1 Mile WNW
V65	MN800000175065	1/2 - 1 Mile North
P66	MN8000000213439	1/2 - 1 Mile NW
Q67	MN8000000209076	1/2 - 1 Mile SSW
S68	MN8000000209837	1/2 - 1 Mile NNW
U69	MN800000209607	1/2 - 1 Mile WNW
W70	MN8000000217191	1/2 - 1 Mile SSE
W71	MN800000209092	1/2 - 1 Mile SSE
72	MN8000000209580	1/2 - 1 Mile ENE
X73	MN8000000188693	1/2 - 1 Mile NW
T74	MN8000000209550	1/2 - 1 Mile West
Y75	MN800000209827	1/2 - 1 Mile NNW
Y76	MN800000209831	1/2 - 1 Mile NNW
77	MN8000000213442	1/2 - 1 Mile NW
U78	MN800000209609	1/2 - 1 Mile WNW
R79	MN8000000213403	1/2 - 1 Mile SW
80	MN800000209349	1/2 - 1 Mile WSW
Z81	MN800000209589	1/2 - 1 Mile WNW
Y82	MN8000000213449	1/2 - 1 Mile NNW
U83	MN8000000209612	1/2 - 1 Mile WNW
AA84	MN8000000209292	1/2 - 1 Mile SW
85	MN8000000203232 MN8000000210061	1/2 - 1 Mile NNW
X86	MN8000000210001 MN8000000213441	1/2 - 1 Mile NW
		1/2 - 1 Mile NW
X87	MN8000000213435	
AB88	MN8000000209823	1/2 - 1 Mile NW
X89	MN8000000213436	1/2 - 1 Mile NW
AB90	MN800000209829	1/2 - 1 Mile NW
91	MN800000210059	1/2 - 1 Mile NNW
Z92	MN800000209592	1/2 - 1 Mile WNW
AA93	MN800000209295	1/2 - 1 Mile SW
AC94	MN800000210076	1/2 - 1 Mile North
Y95	MN8000000213454	1/2 - 1 Mile NNW
96	MN800000209565	1/2 - 1 Mile West
AB97	MN8000000213446	1/2 - 1 Mile NW
AD98	MN800000133650	1/2 - 1 Mile WNW
AE99	MN8000000209329	1/2 - 1 Mile WSW
AB100	MN800000209845	1/2 - 1 Mile NNW
AB101	MN8000000213452	1/2 - 1 Mile NNW
AC102	MN8000000213432	1/2 - 1 Mile North
		1/2 - 1 Mile NOW
AB103	MN800000210054	
AB104	MN8000000209848	1/2 - 1 Mile NNW
AD105	MN8000000077223	1/2 - 1 Mile WNW
AE106	MN8000000213210	1/2 - 1 Mile WSW
AF107	MN800000209341	1/2 - 1 Mile WSW
AG108	MN800000015837	1/2 - 1 Mile WNW
AG109	MN800000209578	1/2 - 1 Mile West
AI112	MN800000209830	1/2 - 1 Mile NW
Al113	MN8000000213447	1/2 - 1 Mile NW
AJ114	MN8000000213438	1/2 - 1 Mile NW
AK115	MN800000209316	1/2 - 1 Mile ESE
AK116	MN8000000209323	1/2 - 1 Mile ESE
117	MN800000203323	1/2 - 1 Mile NE
	111110000000000000000000000000000000000	1/2 1 1/1110 142

		LOCATION
MAP ID	WELL ID	FROM TP
Al118	MN80000000209846	1/2 - 1 Mile NW
Al119	MN800000213448	1/2 - 1 Mile NW
AF120	MN800000209327	1/2 - 1 Mile WSW
AL121	MN8000000214340	1/2 - 1 Mile ENE
AL122	MN8000000209806	1/2 - 1 Mile ENE
AH123	MN8000000213427	1/2 - 1 Mile WNW
126	MN8000000209079	1/2 - 1 Mile SW
127	MN8000000209311	1/2 - 1 Mile WSW
AH128	MN800000048890	1/2 - 1 Mile WNW
AJ129	MN8000000209811	1/2 - 1 Mile WNW
130	MN8000000213433	1/2 - 1 Mile WNW
AM131	MN8000000209350	1/2 - 1 Mile WSW
AN132	MN8000000213412	1/2 - 1 Mile West
133	MN8000000213404	1/2 - 1 Mile WSW
AP135	MN8000000213453	1/2 - 1 Mile NW
136	MN8000000209821	1/2 - 1 Mile NE
AM137	MN8000000213410	1/2 - 1 Mile West
138	MN8000000209087	1/2 - 1 Mile SW
AR140	MN800000069950	1/2 - 1 Mile WNW
AN141	MN8000000069883 MN8000000213420	1/2 - 1 Mile West 1/2 - 1 Mile WNW
AR142 AR146	MN8000000213420 MN8000000213419	1/2 - 1 Mile WNW
AU147	MN8000000213419 MN8000000209826	1/2 - 1 Mile WWW
148	MN8000000209826 MN8000000078695	1/2 - 1 Mile NVV
AP150	MN8000000078093	1/2 - 1 Mile West
AQ153	MN8000000213430	1/2 - 1 Mile West
AQ154	MN8000000191473	1/2 - 1 Mile West
AT157	MN8000000209785	1/2 - 1 Mile WNW
AV158	MN800000058968	1/2 - 1 Mile WNW
159	MN8000000209037	1/2 - 1 Mile SSW
AO160	MN8000000096683	1/2 - 1 Mile NW
AQ161	MN8000000101724	1/2 - 1 Mile West
AT163	MN8000000213422	1/2 - 1 Mile WNW
AV165	MN8000000107521	1/2 - 1 Mile WNW
AW166	MN800000010998	1/2 - 1 Mile North
AX167	MN8000000213445	1/2 - 1 Mile NW
AU169	MN8000000213455	1/2 - 1 Mile NW
170	MN8000000209825	1/2 - 1 Mile NE
AW172	MN800000014000	1/2 - 1 Mile North
AX173	MN8000000094348	1/2 - 1 Mile WNW
175	MN8000000209812	1/2 - 1 Mile WNW
176	MN8000000210344	1/2 - 1 Mile North
AW178	MN800000043666	1/2 - 1 Mile North
AY179	MN800000070465	1/2 - 1 Mile SW
BA183 BB184	MN8000000209847 MN8000000125614	1/2 - 1 Mile NW 1/2 - 1 Mile SSW
AZ185	MN8000000123614 MN8000000113368	1/2 - 1 Mile 33W
AZ186	MN8000000113368	1/2 - 1 Mile WNW
BC188	MN8000000213431 MN8000000127775	1/2 - 1 Mile WWW 1/2 - 1 Mile South
BC192	MN8000000127773 MN8000000021408	1/2 - 1 Mile South
BD195	MN800000021400	1/2 - 1 Mile NW
BE196	MN8000000215450	1/2 - 1 Mile SSW
·— · - ·		

MAP ID	WELL ID	LOCATION FROM TP
BE198	MN8000000135732	1/2 - 1 Mile SSW
BF199	MN800000209535	1/2 - 1 Mile SSW
BB201	MN800000190119	1/2 - 1 Mile SSW
BB202	MN800000083600	1/2 - 1 Mile SSW
BE205	MN800000134645	1/2 - 1 Mile SSW
BD206	MN800000154630	1/2 - 1 Mile NW
207	MN8000000288718	1/2 - 1 Mile NNE
BF209	MN800000155746	1/2 - 1 Mile SSW
210	MN800000006328	1/2 - 1 Mile North
211	MN800000082318	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 07991556.2r



SITE NAME: 4958 County Rd 8 ADDRESS: 4958 County Rd 8 Saint Cloud MN 56304 LAT/LONG: 45.495562 / 94.11673 CLIENT: AECOM
CONTACT: Emily Pearson
INQUIRY#: 07991556.2r

DATE: May 16, 2025 4:39 pm

Map ID Direction Distance

EDR ID Number Elevation Database

1/8 - 1/4 Mile

Higher

WELLS:

640304 Well Number: 0000640304 Well ID: Original Owner: SCHMIDT, JOHN Well Elevation (ft): 1023 Well Status: Well Use: Domestic Active Completion Depth (ft): 53

Drill Depth (ft): 53 19991213 Date Completed: Casing Diameter (inches): 4

Grouted: Well grouted, type unknown

Dist from Potential Contamination:

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: sand-brown Aquifer: Quat. Water Table Aquifer

Casing Depth (ft):

Direction to Potential Contamination:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 970 Open Hole Bottom Elevation: 970 970 Bottom Hole Elevation: Num of SWL Measurements: SW Measured: 19991213 Avg Depth to Water: 28

Avg SW Elevation: 995

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000640304 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000640304

1/8 - 1/4 Mile

FED USGS USGS40000547463 Higher

Organization ID: **USGS-MN** Monitor Location: 35N30W30 01 Description: Not Reported Drainage Area: Not Reported Contrib Drainage Area:

Type: HUC: 07010203 Drainage Area Units: Not Reported Not Reported Contrib Drainage Area Unts: Not Reported Not Reported

Organization Name:

Aquifer:

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type: Unconfined single aquifer Construction Date: 19810708 Well Depth: 101 Well Depth Units: ft Well Hole Depth: 101 Well Hole Depth Units: ft

MN WELLS MN800000096127 1/8 - 1/4 Mile Higher

WELLS:

Well Number: 0000192313 Well ID: 192313

Original Owner: HARTMAN, ELVIN #2

Well Elevation (ft): Well Status: 1023 Active Well Use: Domestic Drill Depth (ft): 101

Well

MN WELLS

MN8000000209579

USGS Minnesota Water Science Center

53

W

Completion Depth (ft): 55 Date Completed: 19810708

Casing Diameter (inches): Casing Depth (ft): 47

Quat. Water Table Aquifer

Grouted:

Well known to be not grouted Dist from Potential Contamination:

991

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Cretaceous undiff.

Direction to Potential Contamination:

Not Reported

Last Stratigraphic Unit: Cretaceous undiff.

Top Open Strat Unit: Bottom Open Strat Unit: sand-brown sand-brown

Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported Static Water Level Reading: Bedrock Elevation: 942 976 Open Hole Bottom Elevation: Open Hole Top Elevation: 968 Bottom Hole Elevation: 922 Num of SWL Measurements: 1 SW Measured: 19810708 Avg Depth to Water: 32 Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000192313 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000192313

MN8000000209576 NF **MN WELLS** 1/8 - 1/4 Mile

Higher WELLS:

570862 Well Number: 0000570862 Well ID: Original Owner: AANERUD, DENNIS Well Elevation (ft): 1023 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 52 52

Date Completed: 19950804

Casing Diameter (inches): Casing Depth (ft): 48

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Not Reported Type of Contamination: Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand +larger-brown

Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings: Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 975 Open Hole Bottom Elevation: 971 Bottom Hole Elevation: 971 Num of SWL Measurements: 1 SW Measured: 19950804 Avg Depth to Water: 26

Avg SW Elevation: 997

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000570862 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000570862

1/8 - 1/4 Mile Higher

> Organization ID: **USGS-MN** Organization Name: **USGS Minnesota Water Science Center**

Monitor Location: 35N30W30DBBBBD01 Type: Well Description: Not Reported HUC: 07010203

FED USGS

USGS40000547475

Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Units: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type:Unconfined single aquiferConstruction Date:19770402Well Depth:49Well Depth Units:ftWell Hole Depth:49Well Hole Depth Units:ft

SE FED USGS USGS40000547474

1/8 - 1/4 Mile Higher

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location:35N30W30DABBAD01Type:WellDescription:Not ReportedHUC:07010203Drainage Area:Not ReportedDrainage Area Units:Not ReportedContrib Drainage Area:Not ReportedContrib Drainage Area Units:Not Reported

Aquifer: Not Reported Formation Type: Glacial Buried Sand and/or Gravel

Aquifer Type: Confined single aquifer Construction Date: 19810707 Well Depth: 95 Well Depth Units: ft

Well Depth:95Well Depth Units:ftWell Hole Depth:95Well Hole Depth Units:ft

C7
SE
MN WELLS MN800000006134
1/8 - 1/4 Mile

Higher

WELLS:

Well Number: 0000192314 Well ID: 192314

Original Owner: HARTMAN, DOUG #1

Well Elevation (ft): 1020 Well Status: Active Well Use: Domestic Drill Depth (ft): 95

Completion Depth (ft): 95

Date Completed: 19810707

Casing Diameter (inches): 4 Casing Depth (ft): 87

Grouted: Well known to be not grouted

Dist from Potential Contamination: 100 Direction to Potential Contamination: Not Reported

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported
Last Stratigraphic Unit: Clay+sand-gray Top Open Strat Unit: clay+sand-gray

Last Stratigraphic Unit: clay+sand-gray
Bottom Open Strat Unit: clay+sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Υ Bedrock Elevation: n Open Hole Top Elevation: 933 Open Hole Bottom Elevation: 925 Bottom Hole Elevation: 925 Num of SWL Measurements: 1 SW Measured: 19810707 Avg Depth to Water: 32

Avg SW Elevation: 988

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000192314
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000192314

Map ID Direction Distance

Database EDR ID Number Elevation **B8**

1/8 - 1/4 Mile

MN WELLS MN800000039110

45

sand-brown

WELLS:

Higher

Well Number: 0000131376 Well ID: 131376 Original Owner: HARTMAN, ELVIN Well Elevation (ft): 1021 Well Status: Well Use: Domestic Active Drill Depth (ft): 49 Completion Depth (ft): 49

19770402 Date Completed: Casing Diameter (inches): 4

Grouted: Well known to be not grouted

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Casing Depth (ft):

Bottom Open Strat Unit:

Type of Contamination: Depth to Bedrock: Not Reported 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown

Top Open Strat Unit: sand-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Not Reported Observation Well:

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 976 Open Hole Bottom Elevation: 972 Bottom Hole Elevation: 972 Num of SWL Measurements: SW Measured: 19770402 31 Avg Depth to Water:

Avg SW Elevation: 990

https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000131376 Loa URL: Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000131376

D9 North 1/8 - 1/4 Mile Higher

MN WELLS MN8000000209600

WELLS:

Well Number: 0000537540 Well ID: 537540 Original Owner: BOWER, JOE Well Elevation (ft): 1023 Well Status: Well Use: Active Domestic Drill Depth (ft): 103 Completion Depth (ft): 98

Date Completed: 19931120

Casing Diameter (inches): Casing Depth (ft): 90

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 68

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous undiff. Bottom Open Strat Unit: Cretaceous undiff. Cretaceous, undiff. Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Not Reported Observation Well:

Static Water Level Reading: Υ Bedrock Elevation: 955 Open Hole Top Elevation: 933 Open Hole Bottom Elevation: 925 Bottom Hole Elevation: 920 Num of SWL Measurements: SW Measured: 19931120 Avg Depth to Water: 30

Avg SW Elevation: 993

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000537540 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000537540

D10 North **MN WELLS** MN8000000121016 1/8 - 1/4 Mile

Higher

WELLS:

Well Number: 0000709277 Well ID: 709277 Original Owner: HEMMINGER, DAN Well Elevation (ft): 1022 Well Status: Well Use: Domestic Active Drill Depth (ft): 105 Completion Depth (ft): 105 Date Completed: 20040504

Casing Diameter (inches): Casing Depth (ft): 97

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 75

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous undiff. Top Open Strat Unit: Cretaceous undiff. Bottom Open Strat Unit: Cretaceous undiff. Aquifer: Cretaceous, undiff.

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 947 925 Open Hole Top Elevation: Open Hole Bottom Elevation: 917 Bottom Hole Elevation: 917 Num of SWL Measurements: 1 SW Measured: 20040504 Avg Depth to Water: 32

Avg SW Elevation: 990

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000709277 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000709277

D11 MN8000000209601 North **MN WELLS** 1/8 - 1/4 Mile

WELLS:

Higher

Well Number: 0000580809 Well ID: 580809 Original Owner: FORCIEN, DELMAR Well Elevation (ft): 1023 Well Status: Well Use: Domestic Active Drill Depth (ft): Completion Depth (ft): 110 110

Date Completed: 19960516

Casing Diameter (inches): Casing Depth (ft): 102

Grouted: Well grouted, type unknown

Direction to Potential Contamination: Dist from Potential Contamination: NE Septic Tank/Drain Fail

Type of Contamination:

First Stratigraphic Unit: Not Reported Depth to Bedrock: clay+sand-gray

Last Stratigraphic Unit: clay+sand-gray Top Open Strat Unit: Bottom Open Strat Unit: clay+sand-gray

Quat. buried artes. aquifer Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 921 Open Hole Bottom Elevation: 913

Bottom Hole Elevation: 913 Num of SWL Measurements: 1
SW Measured: 19960516 Avg Depth to Water: 37

Avg SW Elevation: 986

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000580809
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000580809

NNW MN WELLS MN800000209599
1/8 - 1/4 Mile

Higher

WELLS:

Well Number: 0000497680 Well ID: 497680

Original Owner: MILD, RICK & ROSE

Well Elevation (ft):1022Well Status:ActiveWell Use:DomesticDrill Depth (ft):116

Completion Depth (ft): 116
Date Completed: 19911025

Casing Diameter (inches): 4 Casing Depth (ft): 87

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 55

First Stratigraphic Unit:

Last Stratigraphic Unit:

Cretaceous undiff.

Cretaceous regolith

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: 967 Open Hole Top Elevation: Open Hole Bottom Elevation: 935 906 Bottom Hole Elevation: 906 Num of SWL Measurements: 1 SW Measured: 19911025 Avg Depth to Water: 20 Avg SW Elevation: 1002

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000497680

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000497680

D13
North
MN WELLS
MN8000000209781
1/4 - 1/2 Mile

Higher WELLS:

645894 Well Number: 0000645894 Well ID: Original Owner: HURRLE, LARRY Well Elevation (ft): 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 182 Completion Depth (ft): 178

Date Completed: 20000720

Casing Diameter (inches): 6 Casing Depth (ft): 118

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination:

Not Reported

Depth to Bedrock:

96

First Stratigraphic Unit:

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Not Reported Bedrock Elevation: 926 Open Hole Top Elevation: 904 Open Hole Bottom Elevation: 844 Bottom Hole Elevation: 840 Num of SWL Measurements: 0 SW Measured: Avg Depth to Water: 0

Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000645894 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000645894

F14 **MN WELLS** MN800000170704

1/4 - 1/2 Mile Higher

WELLS:

Well Number: 0000131369 Well ID: 131369 Original Owner: CANNON, GENE Well Elevation (ft): 1021 Well Status: Active Well Use: Domestic Drill Depth (ft): 49 Completion Depth (ft): 49

Date Completed: 19770316

Casing Diameter (inches): Casing Depth (ft): 45

Grouted: Well known to be not grouted

Dist from Potential Contamination: Direction to Potential Contamination: W

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: Aquifer: Quat. Water Table Aquifer sand-brown

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Water Chemistry Info Exists: Observation Well: Not Reported Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 976 Open Hole Bottom Elevation: 972 Bottom Hole Elevation: 972 Num of SWL Measurements: SW Measured: 19770316 Avg Depth to Water: 30 Avg SW Elevation: 991

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000131369 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000131369

FED USGS USGS40000547441

1/4 - 1/2 Mile Higher

Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W30DABDAA01 Type: Well 07010203 Description: Not Reported HUC: Drainage Area: Not Reported Drainage Area Units: Not Reported Not Reported Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type: Unconfined single aquifer Construction Date: 19770316

Well Depth: 49 Well Depth Units: ft Well Hole Depth: 49 Well Hole Depth Units: ft

Map ID Direction Distance

Database EDR ID Number Elevation

G16 North 1/4 - 1/2 Mile Higher

MN WELLS MN8000000209787

WELLS:

Well Number: 0000645892 Well ID: 645892 Original Owner: Not Reported Well Elevation (ft): 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 198 Completion Depth (ft): 196

20000602 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 0 0 Dist from Potential Contamination: Grouted: Not Reported 0

Direction to Potential Contamination: Not Reported Type of Contamination: Not Reported First Stratigraphic Unit: Depth to Bedrock: 70 Cretaceous undiff.

Last Stratigraphic Unit: Reformatory Granite Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 0 Open Hole Bottom Elevation: 826 Bottom Hole Elevation: 824 Num of SWL Measurements: SW Measured: 20000602 Avg Depth to Water: 40

Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000645892 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000645892

E17 NNW 1/4 - 1/2 Mile Higher

MN WELLS MN8000000209608

WELLS:

Well Number: 0000485155 Well ID: 485155

Original Owner: ALEXANDER, DENNIS

Well Status: Well Elevation (ft): 1022 Active Well Use: Domestic Drill Depth (ft): 118

Completion Depth (ft): Date Completed: 19920626

Casing Diameter (inches): Casing Depth (ft): 110

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: W Septic Tank/Drain Fail

Type of Contamination:

Depth to Bedrock: 70 First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous undiff. Bottom Open Strat Unit: Cretaceous regolith

Aquifer: multiple Well Cuttings: Not Reported Not Reported Not Reported Core Sample Taken: Geophys Log Exists: Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported

Observation Well: Not Reported Static Water Level Reading: Bedrock Elevation: 952 Open Hole Top Elevation: 912 Open Hole Bottom Elevation: 904 Bottom Hole Elevation: 904 Num of SWL Measurements: SW Measured: 19930925 1

Avg Depth to Water: 50 Avg SW Elevation: 972
Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000485155
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000485155

18 NW MN WELLS MN800000209602

1/4 - 1/2 Mile Lower

WELLS:

Well Number: 0000759189 Well ID: 759189 Original Owner: LINDGREN, CHUCK Well Elevation (ft): 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 84 Completion Depth (ft): 84

Date Completed: 20080807
Casing Diameter (inches): 4 Casing Depth (ft): 76

Grouted:

Dist from Potential Contamination: 50 Direction to Potential Contamination: N

Well grouted, type unknown

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-gray Top Open Strat Unit: sand-gray

Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:946Open Hole Bottom Elevation:938Bottom Hole Elevation:938Num of SWL Measurements:1SW Measured:20080807Avg Depth to Water:39

Avg SW Elevation: 983

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000759189
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000759189

H19 NW FED USGS USGS40000547694

1/4 - 1/2 Mile Higher

Higher

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W30BAD 01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Formation Type: Not Reported Aquifer: Not Reported Aquifer Type: Not Reported Construction Date: 19920426 Well Depth: 147 Well Depth Units: ft

Well Depth:147Well Depth Units:ftWell Hole Depth:147Well Hole Depth Units:ft

H20 NW FED USGS USGS40000547695 1/4 - 1/2 Mile

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W30BAD 02 Type: Well Description: Not Reported HUC: 07010203

Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Construction Date: 19920807 Not Reported Well Depth: Well Depth Units: 93 ft Well Hole Depth: 93 Well Hole Depth Units: ft

WSW FED USGS USGS40000547464

1/4 - 1/2 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W30CABAAD01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Cretaceous System

Aquifer Type:Not ReportedConstruction Date:19830420Well Depth:125Well Depth Units:ftWell Hole Depth:125Well Hole Depth Units:ft

I22
WSW
MN WELLS MN800000184542

1/4 - 1/2 Mile Lower

WELLS:

 Well Number:
 0000402068
 Well ID:
 402068

 Original Owner:
 WILSON, MARK
 Well Elevation (ft):
 1010

 Well Status:
 Active
 Well Use:
 Domestic

 Drill Depth (ft):
 125
 Completion Depth (ft):
 125

Drill Depth (ft): 125 Completion Depth (ft): 125
Date Completed: 19830420

Casing Diameter (inches): 4 Casing Depth (ft):

Grouted: Well known to be not grouted

Dist from Potential Contamination: 55 Direction to Potential Contamination: N

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 117 First Stratigraphic Unit: Cretaceous regolith
Last Stratigraphic Unit: Cretaceous regolith

Top Open Strat Unit: Cretaceous regolith
Bottom Open Strat Unit: Cretaceous regolith
Aquifer: Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Υ Bedrock Elevation: 893 Open Hole Top Elevation: 890 Open Hole Bottom Elevation: 885 Bottom Hole Elevation: 885 Num of SWL Measurements: 1 19830420 50 SW Measured: Avg Depth to Water:

Avg SW Elevation: 960

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000402068
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000402068

120

Map ID Direction Distance

Database EDR ID Number Elevation

H23 NW 1/4 - 1/2 Mile

MN WELLS MN8000000209595

72

Lower

WELLS:

Well Number: 0000719180 Well ID: 719180 Original Owner: SKUZA, BILL Well Elevation (ft): 1018 Well Status: Well Use: Domestic Active Drill Depth (ft): 80 Completion Depth (ft): 80

20040929 Date Completed:

Casing Diameter (inches): 4 Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Casing Depth (ft):

Type of Contamination: Depth to Bedrock: Not Reported First Stratigraphic Unit: Not Reported Last Stratigraphic Unit:

sand-gray sand-gray Top Open Strat Unit: sand-gray Bottom Open Strat Unit:

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Not Reported Observation Well:

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 946 Open Hole Bottom Elevation: 938 938 Bottom Hole Elevation: Num of SWL Measurements: SW Measured: 20040929 40 Avg Depth to Water:

Avg SW Elevation: 978

https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000719180 Loa URL: Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000719180

G24 North 1/4 - 1/2 Mile Higher

MN WELLS MN8000000209794

WELLS:

Well Number: 0000645890 Well ID: 645890 Original Owner: HURRLE, LASRRY Well Elevation (ft): 1022 Well Status: Well Use: Active Irrigation Drill Depth (ft): 178 Completion Depth (ft): 176

Date Completed: 20020430

Casing Diameter (inches): Casing Depth (ft): 125

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 68

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Cretaceous regolith Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Not Reported Observation Well:

Static Water Level Reading: Υ Bedrock Elevation: 954 Open Hole Top Elevation: 897 Open Hole Bottom Elevation: 846 Bottom Hole Elevation: 844 Num of SWL Measurements: SW Measured: 20020430 Avg Depth to Water: 40

Avg SW Elevation: 982

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000645890
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000645890

H25 NW MN WELLS MN800000209603

1/4 - 1/2 Mile Higher

WELLS:

Well Number: 0000490969 Well ID: 490969

Original Owner: SATTLER, JIM SR.

Well Elevation (ft): Well Status: Active

Well Use: Domestic Drill Depth (ft): 90

Completion Depth (ft): 90
Date Completed: 19910523

Casing Diameter (inches): 4 Casing Depth (ft): 86

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray

Top Open Strat Unit: sand +larger-gray
Bottom Open Strat Unit: sand +larger-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:933Open Hole Bottom Elevation:929Bottom Hole Elevation:929Num of SWL Measurements:1SW Measured:19910523Avg Depth to Water:28

Avg SW Elevation: 991

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000490969
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000490969

26
West MN WELLS MN800000209559

1/4 - 1/2 Mile Lower

WELLS:

Well Number: 0000651732 Well ID: 651732 Original Owner: **NARDI** Well Elevation (ft): 1012 Well Status: Well Use: Domestic Active Drill Depth (ft): Completion Depth (ft): 152 150

Date Completed: 20000907

Casing Diameter (inches): 4 Casing Depth (ft): 142

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 110

First Stratigraphic Unit:

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Y Bedrock Elevation: 902

Open Hole Top Elevation: 870 862 Open Hole Bottom Elevation: Bottom Hole Elevation: 860 Num of SWL Measurements: 1 SW Measured: 20000907 Avg Depth to Water: 50

Avg SW Elevation: 962

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000651732 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000651732

.127 NNW MN WELLS MN8000000209800 1/4 - 1/2 Mile

Higher

WELLS:

0000701603 701603 Well Number: Well ID: Original Owner: HURRLE, LARRY Well Elevation (ft): 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 410 410

Date Completed: 20030905

Casing Diameter (inches): Casing Depth (ft): 213

Grouted:

Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 65

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Reformatory Granite Top Open Strat Unit: Reformatory Granite Bottom Open Strat Unit: Reformatory Granite Aquifer: Reformatory Granite

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 957 Open Hole Top Elevation: 809 Open Hole Bottom Elevation: 612 Bottom Hole Elevation: 612 Num of SWL Measurements: 1 SW Measured: 20030905 Avg Depth to Water: 39 Avg SW Elevation: 983

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000701603 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000701603

NNW 1/4 - 1/2 Mile Higher

WELLS:

J28

329450 Well Number: 0000329450 Well ID: Original Owner: HURRLE, LARRY Well Elevation (ft): 1022 Well Status: Sealed Well Use: Abandoned 210 Completion Depth (ft): 210

Drill Depth (ft): Date Completed: 20030905

Casing Depth (ft): 0 Casing Diameter (inches):

Grouted:

Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported Type of Contamination: Not Reported Depth to Bedrock: 65

First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Reformatory Granite

Bottom Open Strat Unit: Top Open Strat Unit: Not Reported Not Reported Aquifer: Not Reported Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported

MN WELLS

MN8000000209686

Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported Static Water Level Reading: Not Reported

Bedrock Elevation: 957 Open Hole Top Elevation: Open Hole Bottom Elevation: 812 Bottom Hole Elevation: 812 Num of SWL Measurements: 0 SW Measured: 0 Avg Depth to Water: Avg SW Elevation: 0 0 Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000329450

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000329450

NNW MN WELLS MN8000000213430 1/4 - 1/2 Mile Higher

WELLS:

Well Number: 0000649917 Well ID: 649917 Original Owner: Well Elevation (ft): Not Reported 1022 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 202 200

Date Completed: 20000802

Casing Diameter (inches): Casing Depth (ft): 120

Well grouted, type unknown Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Cretaceous regolith Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Water Chemistry Info Exists: Observation Well: Not Reported Not Reported

Static Water Level Reading: Υ Bedrock Elevation: 921 Open Hole Top Elevation: 902 Open Hole Bottom Elevation: 822 Bottom Hole Elevation: 820 Num of SWL Measurements: 20000802 SW Measured: Avg Depth to Water: 35 Avg SW Elevation: 987

https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000649917 Log URL:

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000649917

NNW MN WELLS MN8000000209801 1/4 - 1/2 Mile Higher

WELLS:

0000645893 Well ID: 645893 Well Number: Original Owner: HURRLE, LARRY Well Elevation (ft): 1022 Well Status: Sealed Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 176 175

Date Completed: 20000601

Casing Diameter (inches): Casing Depth (ft): 118

Grouted:

Well grouted, type unknown

Not Reported Dist from Potential Contamination: Direction to Potential Contamination: Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Reformatory Granite Top Open Strat Unit: Cretaceous regolith

Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:953Open Hole Top Elevation:904Open Hole Bottom Elevation:847Bottom Hole Elevation:846Num of SWL Measurements:1SW Measured:20000601Avg Depth to Water:40

Avg SW Elevation: 982

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000645893
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000645893

K31 WNW MN WELLS MN800000209596 1/4 - 1/2 Mile

Higher

WELLS:

Well Number: 0000456006 Well ID: 456006

Original Owner: HILLESHEIM, KEVIN

Well Elevation (ft): 1019 Well Status: Active
Well Use: Domestic Drill Depth (ft): 152

Completion Depth (ft): 152 Date Completed: 19890224

Casing Diameter (inches): 4 Casing Depth (ft): 146

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 89

First Stratigraphic Unit:

Cretaceous undiff.

Last Stratigraphic Unit:

Cretaceous regolith

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings: Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported Static Water Level Reading: Υ Bedrock Elevation: 930

Static Water Level Reading: Y Bedrock Elevation: 930
Open Hole Top Elevation: 873
Open Hole Bottom Elevation: 867
Bottom Hole Elevation: 867
Num of SWL Measurements: 1
SW Measured: 19890224
Avg Depth to Water: 71
Avg SW Elevation: 948

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000456006
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000456006

32 SE MN WELLS MN800000213406 1/4 - 1/2 Mile

Lower

WELLS:

Well Number: 0000464802 Well ID: 464802 Well Elevation (ft): Original Owner: OLSON, NORRIS 1014 Well Status: Active Well Use: Domestic Drill Depth (ft): 70 Completion Depth (ft): 66

Date Completed: 19900604

Casing Diameter (inches): 4 Casing Depth (ft): 62

Grouted: Well grouted, type unknown

Direction to Potential Contamination: Dist from Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand +larger-gray

Top Open Strat Unit: sand +larger-gray Bottom Open Strat Unit: sand +larger-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Not Reported **Observation Well:**

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 952 Open Hole Bottom Elevation: 948 Bottom Hole Elevation: 944 Num of SWL Measurements: 1 SW Measured: 19900604 Avg Depth to Water: 19 Avg SW Elevation: 995

https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000464802 Log URL: Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000464802

K33 NW 1/4 - 1/2 Mile **MN WELLS** MN8000000209611

Higher

WELLS:

Well Number: 0000755249 Well ID: 755249 Original Owner: CONROY, BETTY Well Elevation (ft): 1021 Well Status: Active Well Use: Irrigation Drill Depth (ft): 59 Completion Depth (ft): 59

Date Completed: 20070830

Casing Diameter (inches): Casing Depth (ft): 41 Well grouted, type unknown

Grouted:

Direction to Potential Contamination: Ε Dist from Potential Contamination:

Septic Tank/Drain Fail Type of Contamination:

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: Top Open Strat Unit: sand-brown clay-gray Bottom Open Strat Unit: sand+silt-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 980 Open Hole Bottom Elevation: 962 Bottom Hole Elevation: 962 Num of SWL Measurements: 1 SW Measured: 20070830 Avg Depth to Water: 27

Avg SW Elevation: 994

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000755249 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000755249

K34 NW **MN WELLS** MN8000000213424 1/4 - 1/2 Mile

Higher WELLS:

> Well Number: Well ID: 477753 0000477753 Original Owner: CONROY, TOM Well Elevation (ft): 1021 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 119 119

Date Completed: 19910517

Casing Diameter (inches): 4 Casing Depth (ft): 106

Grouted: Well known to be not grouted

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 106

First Stratigraphic Unit:

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: 915 Open Hole Top Elevation: 915 Open Hole Bottom Elevation: 902 Bottom Hole Elevation: 902 Num of SWL Measurements: 1 19910517 SW Measured: Avg Depth to Water: 60 961

Avg SW Elevation: 961
Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000477753

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000477753

K35
WNW MN WELLS MN800000213418
1/4 - 1/2 Mile

Lower
WELLS:

 Well Number:
 0000451124
 Well ID:
 451124

 Original Owner:
 Not Reported
 Well Elevation (ft):
 1019

 Well Status:
 Active
 Well Use:
 Domestic

Drill Depth (ft): 85 Completion Depth (ft): 85

Date Completed: 19891120

Casing Diameter (inches): 4 Casing Depth (ft): 65

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 100 Direction to Potential Contamination: SW

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported
Last Stratigraphic Unit: clay+sand-gray Top Open Strat Unit: clay+sand-gray

Bottom Open Strat Unit: clay+sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:954Open Hole Bottom Elevation:934Bottom Hole Elevation:934Num of SWL Measurements:1SW Measured:19891120Avg Depth to Water:20

Avg SW Elevation: 999

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000451124
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000451124

L36
SE MN WELLS MN800000209319

1/4 - 1/2 Mile Lower

WELLS:

Well Number: 0000651660 Well ID: 651660

Original Owner: GOENNER PROPERTY/ GOENNE

Well Elevation (ft): Active 1015 Well Status: Well Use: Domestic Drill Depth (ft): 134

Completion Depth (ft): 134 20000802 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 85

Grouted:

Well grouted, type unknown Dist from Potential Contamination:

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Cretaceous regolith

Direction to Potential Contamination:

SE

MN WELLS

MN8000000213432

Last Stratigraphic Unit: Reformatory Granite Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Geochem Info Exists: Not Reported Geophys Log Exists: Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 929 Open Hole Top Elevation: 930 881 Open Hole Bottom Elevation: Bottom Hole Elevation: Num of SWL Measurements: 881 1 SW Measured: 20000802 Avg Depth to Water: 31 Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000651660 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000651660

M37 1/4 - 1/2 Mile Higher

WELLS:

0000649918 Well ID: 649918 Well Number: HURRLE, LARRY Well Elevation (ft): Original Owner: 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 84 Completion Depth (ft): 82

Date Completed: 20000728

Casing Diameter (inches): Casing Depth (ft): 77 Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-gray Top Open Strat Unit: sand-gray Bottom Open Strat Unit: sand-gray

Quat. buried artes. aquifer Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 945 Open Hole Bottom Elevation: 940 Bottom Hole Elevation: 938 Num of SWL Measurements: 20000728 SW Measured: Avg Depth to Water: 35

Avg SW Elevation: 987

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000649918 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000649918

Map ID Direction Distance

Elevation Database EDR ID Number

K38 NW 1/4 - 1/2 Mile Higher

MN WELLS MN8000000209606

72

sand-gray

WELLS:

 Well Number:
 0000486796
 Well ID:
 486796

 Original Owner:
 SIEMERS, TIM
 Well Elevation (ft):
 1021

 Well Status:
 Active
 Well Use:
 Domestic

Drill Depth (ft): 72 Completion Depth (ft): Date Completed: 19910701

Casing Diameter (inches): 4 Casing Depth (ft): 62

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 150 Direction to Potential Contamination: SE Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported

Top Open Strat Unit:

Last Stratigraphic Unit: sand-gray
Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:959Open Hole Bottom Elevation:949Bottom Hole Elevation:949Num of SWL Measurements:1SW Measured:19910701Avg Depth to Water:30

Avg SW Elevation: 991

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000486796
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000486796

L39

1/4 - 1/2 Mile Lower MN WELLS MN8000000213402

WELLS:

Well Number:0000444834Well ID:444834Original Owner:GOENNER, TIMWell Elevation (ft):1016Well Status:ActiveWell Use:Domestic

Drill Depth (ft): 45 Completion Depth (ft): 45

Date Completed: 19880816

Casing Diameter (inches): 4 Casing Depth (ft): 45

Grouted: Well known to be not grouted

Dist from Potential Contamination: 105 Direction to Potential Contamination: E

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported

Last Stratigraphic Unit: gravel (+larger)
Top Open Strat Unit: gravel (+larger)
Bottom Open Strat Unit: gravel (+larger)

Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:971Open Hole Bottom Elevation:971Bottom Hole Elevation:971Num of SWL Measurements:1SW Measured:19880816Avg Depth to Water:27

Avg SW Elevation: 989

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000444834 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000444834

NW **FED USGS** USGS40000547727

1/4 - 1/2 Mile Higher

> Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W30BABCDD01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported Not Reported Aquifer: Not Reported Formation Type: Cretaceous System

Aquifer Type: Not Reported Construction Date: 19880914 Well Depth: Well Depth Units: 152 ft Well Hole Depth: Well Hole Depth Units: 152 ft

K41 NW **MN WELLS** MN800000072148 1/4 - 1/2 Mile

Higher

WELLS:

0000453410 Well ID: 453410 Well Number:

Original Owner: HILLESHIM, KEVIN

Well Elevation (ft): 1022 Well Status: Sealed Well Use: Domestic Drill Depth (ft): 152

Completion Depth (ft): 152 Date Completed:

19880914 Casing Depth (ft):

Casing Diameter (inches):

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported Not Reported Type of Contamination: Depth to Bedrock: 63

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Cretaceous regolith Top Open Strat Unit: Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 959 874 Open Hole Top Elevation: Open Hole Bottom Elevation: 870 Bottom Hole Elevation: 870 Num of SWL Measurements: 19880914 SW Measured: Avg Depth to Water: 72

Avg SW Elevation: 950

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000453410 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000453410

148

Map ID Direction Distance

Database EDR ID Number Elevation

42 NNW 1/4 - 1/2 Mile

FED USGS USGS40000547869

Higher

Organization ID: **USGS-MN** Organization Name: **USGS Minnesota Water Science Center**

Monitor Location: 35N30W19DCC 01 Type: Well HUC: 07010203 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported Construction Date: 19761102 Well Depth: Well Depth Units: ft 69 Well Hole Depth: Well Hole Depth Units: 70 ft

NNW 1/4 - 1/2 Mile Higher

MN WELLS MN8000000213440

WELLS:

649946 Well Number: 0000649946 Well ID: Original Owner: Well Elevation (ft): HURRLE, LARRY 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 410 Completion Depth (ft): 410

Date Completed: 20020503

Casing Diameter (inches): Casing Depth (ft): 106

Grouted:

Well grouted, type unknown Direction to Potential Contamination: Dist from Potential Contamination: Not Reported

Not Reported Type of Contamination: Depth to Bedrock:

First Stratigraphic Unit: Cretaceous regolith Last Stratigraphic Unit: Reformatory Granite Top Open Strat Unit: Reformatory Granite Bottom Open Strat Unit: Reformatory Granite Aquifer: Reformatory Granite

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 924 Open Hole Top Elevation: 916 Open Hole Bottom Elevation: 612 Bottom Hole Elevation: 612 Num of SWL Measurements: SW Measured: 20000920 Avg Depth to Water: 38

Avg SW Elevation: 984

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000649946 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000649946

N44

WNW 1/4 - 1/2 Mile Lower

MN WELLS MN8000000209590

WELLS:

Well Number: 0000617414 Well ID: 617414

Original Owner: RANWEILER, JOE & LIZ

Well Elevation (ft): 1020 Well Status: Active

Well Use: Domestic Drill Depth (ft): 157

Completion Depth (ft): 157 Date Completed: 19980915

Casing Depth (ft): Casing Diameter (inches): 149

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Ν

Well grouted, type unknown

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 48 First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Observation Well: Water Chemistry Info Exists: Not Reported Not Reported

Static Water Level Reading: Bedrock Elevation: 972 Υ Open Hole Top Elevation: 871 Open Hole Bottom Elevation: 863 Bottom Hole Elevation: 863 Num of SWL Measurements: SW Measured: 19980915 Avg Depth to Water: 75 Avg SW Elevation: 945

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000617414

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000617414

M45 NW 1/4 - 1/2 Mile Higher

MN WELLS MN8000000213434

WELLS:

Well Number: 0000649919 Well ID: 649919 HURRLE, LARRY Well Elevation (ft): Original Owner: 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 84 Completion Depth (ft): 81

Date Completed: 20000802

Casing Depth (ft): Casing Diameter (inches): 76

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-gray sand-gray Top Open Strat Unit: sand-gray Bottom Open Strat Unit:

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Not Reported Core Sample Taken: Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 946 Open Hole Bottom Elevation: 941 Bottom Hole Elevation: 938 Num of SWL Measurements: 1 SW Measured: 20000802 Avg Depth to Water: 35

Avg SW Elevation: 987

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000649919 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000649919

O46 WNW 1/4 - 1/2 Mile Higher

MN800000011643 **MN WELLS**

WELLS:

Well Number: Well ID: 451831 0000451831 Original Owner: SUESS, FRITZ Well Elevation (ft): 1022 Well Status: Active Well Use: **Domestic** Completion Depth (ft): Drill Depth (ft): 152 152

Date Completed: 19880630

Casing Diameter (inches): Casing Depth (ft): 148

Grouted:

Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 82

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Υ Bedrock Elevation: 940 Open Hole Bottom Elevation: Open Hole Top Elevation: 874 870 Bottom Hole Elevation: 870 Num of SWL Measurements: 1 SW Measured: 19880630 Avg Depth to Water: 72

Avg SW Elevation: 950

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000451831 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000451831

FED USGS WNW USGS40000547733

1/4 - 1/2 Mile Higher

> Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W30BBADDD01 Type: Well Description: Not Reported HUC: 07010203 Not Reported Drainage Area: Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Cretaceous System 19880630

Not Reported Construction Date: Aquifer Type: Well Depth: 152 Well Depth Units: ft Well Hole Depth: 152 Well Hole Depth Units: ft

NNW MN WELLS MN8000000213437

1/4 - 1/2 Mile Higher

WELLS:

0000679658 Well ID: 679658 Well Number: Original Owner: Well Elevation (ft): Not Reported 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 410 410

Date Completed: 20020523

Casing Diameter (inches): Casing Depth (ft): 140

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Cretaceous regolith Last Stratigraphic Unit: Reformatory Granite Top Open Strat Unit: Reformatory Granite

Bottom Open Strat Unit: Reformatory Granite Aquifer: Reformatory Granite

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Geochem Info Exists: Not Reported Observation Well: Water Chemistry Info Exists: Not Reported Not Reported

Static Water Level Reading: Not Reported Bedrock Elevation: 924 Open Hole Top Elevation: 882 Open Hole Bottom Elevation: 612 Bottom Hole Elevation: 612 Num of SWL Measurements: 0 SW Measured: Avg Depth to Water: 0 0 n

Avg SW Elevation: Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000679658 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000679658

SSE **MN WELLS** MN8000000209294

1/4 - 1/2 Mile Lower

WELLS:

Well Number: 0000537525 Well ID: 537525 Original Owner: PREUSER, MIKE Well Elevation (ft): 1015 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 43 36

Date Completed: 19931022

Casing Diameter (inches): Casing Depth (ft): 32

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: SW

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay+sand-brown Top Open Strat Unit: sand +larger-brown

Bottom Open Strat Unit: sand +larger-brown Quat. Water Table Aquifer Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Not Reported Observation Well:

Static Water Level Reading: Bedrock Elevation: n Open Hole Top Elevation: 983 Open Hole Bottom Elevation: 979 Num of SWL Measurements: Bottom Hole Elevation: 972 1 SW Measured: 19931022 Avg Depth to Water: 20 Avg SW Elevation: 995

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000537525 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000537525

P50 **MN WELLS** MN8000000209799

1/4 - 1/2 Mile Higher

WELLS:

Well Number: 0000649921 Well ID: 649921 Original Owner: Not Reported Well Elevation (ft): 1023 Well Status: Active Well Use: Domestic Drill Depth (ft): 97 Completion Depth (ft): 95

Date Completed: 20000802

Casing Diameter (inches): Casing Depth (ft): 89

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 81

First Stratigraphic Unit:

Cretaceous undiff.

Last Stratigraphic Unit:

Cretaceous regolith

Top Open Strat Unit:

Bottom Open Strat Unit:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:942Open Hole Top Elevation:934Open Hole Bottom Elevation:928Bottom Hole Elevation:926Num of SWL Measurements:1SW Measured:20000802Avg Depth to Water:35

Avg SW Elevation: 988

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000649921
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000649921

O51
WNW
MN WELLS
MN800000213425
1/2 - 1 Mile

Higher

WELLS:

Well Number: 0000524031 Well ID: 524031

Original Owner: KAMPA, JAY AND BETH

Well Elevation (ft):1021Well Status:SealedWell Use:DomesticDrill Depth (ft):160

Completion Depth (ft): 160
Date Completed: 19930514

Casing Diameter (inches): 4 Casing Depth (ft): 146

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 131

First Stratigraphic Unit:

Cretaceous regolith

Last Stratigraphic Unit:

Cretaceous regolith

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:890Open Hole Top Elevation:875Open Hole Bottom Elevation:861Bottom Hole Elevation:861Num of SWL Measurements:1SW Measured:19930514Avg Depth to Water:87

Avg SW Elevation: 934

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000524031
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000524031

O52
WNW MN WELLS MN800000213423
1/2 - 1 Mile

WELLS:

Higher

Well Number: 0000528412 Well ID: 528412

Original Owner: KAMPA, JAY AND BETH

Well Elevation (ft):1021Well Status:ActiveWell Use:DomesticDrill Depth (ft):51

Completion Depth (ft): 51 Date Completed: 19930511

Casing Diameter (inches): Casing Depth (ft): 47

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 974 Open Hole Bottom Elevation: 970 Bottom Hole Elevation: 970 Num of SWL Measurements: 1 SW Measured: 19930511 Avg Depth to Water: 27 Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000528412 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000528412

N53 WNW **MN WELLS** MN8000000209593 1/2 - 1 Mile

WELLS:

Lower

Well Number: 0000537586 Well ID: 537586 Original Owner: TOWLER, JIM Well Elevation (ft): 1020 Well Status: Domestic Active Well Use: Drill Depth (ft): 158 Completion Depth (ft): 156

19931206 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 152

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 45

Cretaceous undiff. First Stratigraphic Unit: Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Cretaceous regolith Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 975 Open Hole Top Elevation: 868 Open Hole Bottom Elevation: 864 Bottom Hole Elevation: 862 Num of SWL Measurements: 1 SW Measured: 19931206 Avg Depth to Water: 73

Avg SW Elevation: 947

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000537586 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000537586

P54 NW MN8000000217192 **MN WELLS**

1/2 - 1 Mile Higher

WELLS:

330416 Well Number: 0000330416 Well ID:

Original Owner: HEINKS, NATALIYA

Well Elevation (ft):1022Well Status:SealedWell Use:AbandonedDrill Depth (ft):151

Completion Depth (ft): 151
Date Completed: 20080828

Casing Diameter (inches): 4 Casing Depth (ft): 142

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 110

First Stratigraphic Unit: Cretaceous regolith
Last Stratigraphic Unit: Cretaceous regolith

Top Open Strat Unit: Not Reported Bottom Open Strat Unit: Not Reported Aquifer: Not Reported Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Water Chemistry Info Exists: Not Reported Geochem Info Exists: Not Reported

Observation Well: Not Reported Static Water Level Reading: Bedrock Elevation: 912 Open Hole Top Elevation: 880 871 Bottom Hole Elevation: 871 Open Hole Bottom Elevation: Num of SWL Measurements: SW Measured: 20080906 Avg Depth to Water: 35 Avg SW Elevation: 987 Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000330416

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellid=0000330416

Q55

SSW 1/2 - 1 Mile Lower

MN WELLS MN800000209091

WELLS:

Well Number: 0000740976 Well ID: 740976 ANDERSON, BARB Well Elevation (ft): Original Owner: 1012 Well Status: Active Well Use: Irrigation Drill Depth (ft): 105 Completion Depth (ft): 105

Date Completed: 20060616

Casing Diameter (inches): 4 Casing Depth (ft): 97

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 75 Direction to Potential Contamination: E
Type of Contamination: Barnyard Depth to Bedrock: 0
First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray
Top Open Strat Unit: Sand-gray Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Water Chemistry Info Exists: Not Reported Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 915 Open Hole Bottom Elevation: 907 Bottom Hole Elevation: 907 Num of SWL Measurements: 1 SW Measured: 20060616 Avg Depth to Water: 38

Avg SW Elevation: 974

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000740976
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000740976

P56 NW 1/2 - 1 Mile Higher

MN WELLS MN8000000209810

WELLS:

754895 Well Number: 0000754895 Well ID:

Original Owner: HEINKS, NATALIYA

Well Elevation (ft): 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 39

Completion Depth (ft): 39 Date Completed: 20080910

Casing Diameter (inches): Casing Depth (ft): 34

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: SE 200

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported

Last Stratigraphic Unit: sand +larger-brown Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported Not Reported Water Chemistry Info Exists: Observation Well:

Static Water Level Reading: Bedrock Elevation: n Open Hole Top Elevation: 988 Open Hole Bottom Elevation: 983 Bottom Hole Elevation: 983 Num of SWL Measurements: 1 SW Measured: 20080910 Avg Depth to Water: 26

Avg SW Elevation: 996

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000754895 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000754895

MN WELLS MN8000000209303

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000610552 Well ID: 610552 Original Owner: CLEMENTS, DAVE Well Elevation (ft): 1012 Well Status: Active Well Use: Domestic Drill Depth (ft): 42 Completion Depth (ft): 39

Date Completed: 19980430

Casing Diameter (inches): Casing Depth (ft): 35 Grouted: Well grouted, type unknown

Dist from Potential Contamination: 120

Direction to Potential Contamination: S Septic Tank/Drain Fail Type of Contamination:

Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-brown Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: sand-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 977 Open Hole Top Elevation: Open Hole Bottom Elevation: 973 Bottom Hole Elevation: 970 Num of SWL Measurements: SW Measured: 19980430 Avg Depth to Water: 24

Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000610552 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000610552

Map ID Direction Distance

EDR ID Number Elevation Database

R58 1/2 - 1 Mile

MN WELLS MN8000000209333

77

WELLS:

Lower

Well Number: 0000586877 Well ID: 586877 Original Owner: MATTHIES, DALE Well Elevation (ft): 998 Well Status: Domestic Active Well Use: Drill Depth (ft): 89 Completion Depth (ft): 81

Date Completed: 19960826

Casing Diameter (inches): 4 Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Casing Depth (ft):

Observation Well:

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-brown

Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported

Not Reported Water Chemistry Info Exists: Not Reported Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 921 Open Hole Bottom Elevation: 917 Bottom Hole Elevation: 909 Num of SWL Measurements: SW Measured: 19960826 Avg Depth to Water: 41

Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000586877 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000586877

S59 NNW 1/2 - 1 Mile Higher

MN WELLS MN8000000209824

WELLS:

Well Number: 0000626132 Well ID: 626132 Well Elevation (ft): Original Owner: HURRLE, LARRY 1020 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 74

Date Completed: 19990503

Casing Diameter (inches): Casing Depth (ft): 69

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray Top Open Strat Unit: sand-gray Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Υ Bedrock Elevation: Λ Open Hole Top Elevation: 951 Open Hole Bottom Elevation: 946 Bottom Hole Elevation: 941 Num of SWL Measurements: 1 SW Measured: 19990503 Avg Depth to Water: 25

Avg SW Elevation: 995

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000626132

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000626132

Higher

WELLS:

649922 Well Number: 0000649922 Well ID: Original Owner: Not Reported Well Elevation (ft): 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 186 Completion Depth (ft): 184 20000802 Date Completed:

Casing Diameter (inches): 6 Casing Depth (ft): 124

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 77

First Stratigraphic Unit:

Cretaceous undiff.

Last Stratigraphic Unit:

Reformatory Granite

Top Open Strat Unit:

Bottom Open Strat Unit:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:945Open Hole Top Elevation:898Open Hole Bottom Elevation:838Bottom Hole Elevation:836Num of SWL Measurements:1SW Measured:20000802Avg Depth to Water:36

Avg SW Elevation: 986

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000649922
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000649922

T61
West MN WELLS MN800000209553
1/2 - 1 Mile

Lower
WELLS:

Well Number: 0000575757 Well ID: 575757

Original Owner: EDVENSON, RENNE & JOAN

Well Elevation (ft): 998 Well Status: Active Well Use: Domestic Drill Depth (ft): 90

Completion Depth (ft): 90
Date Completed: 19960206

Casing Diameter (inches): 4 Casing Depth (ft): 80

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 50 Direction to Potential Contamination: N

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: sand-brown

Aguifer: Quat. buried artes. aguifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Y Bedrock Elevation: 0
Open Hole Top Elevation: 918 Open Hole Bottom Elevation: 908

Bottom Hole Elevation: 908 Num of SWL Measurements: 1
SW Measured: 19960206 Avg Depth to Water: 32

Avg SW Elevation: 966

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000575757
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000575757

U62 WNW MN WELLS MN800000209605 1/2 - 1 Mile

1/2 - 1 Mile Higher

WELLS:

Lower

Well Number: 0000526559 Well ID: 526559

Original Owner: NELSON, STEVE & SUE

Well Elevation (ft): 1021 Well Status: Active Well Use: Irrigation Drill Depth (ft): 43

Completion Depth (ft): 43
Date Completed: 19930514

Casing Diameter (inches): 4 Casing Depth (ft): 39

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 169 Direction to Potential Contamination: NW

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported

Last Stratigraphic Unit: clay+sand-brown Top Open Strat Unit: sand +larger-brown

Bottom Open Strat Unit: sand +larger-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:982Open Hole Bottom Elevation:978Bottom Hole Elevation:978Num of SWL Measurements:1SW Measured:19930514Avg Depth to Water:30

Avg SW Elevation: 991

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000526559
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000526559

V63
North
FED USGS USGS40000547925
1/2 - 1 Mile

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W19DCBDBD01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported Formation Type: Glacial Buried Sand and/or Gravel

Aquifer Type: Confined single aquifer Construction Date: 19870302

Well Depth: 73 Well Depth Units: ft Well Hole Depth: 73 Well Hole Depth Units: ft

Map ID Direction Distance

EDR ID Number Elevation Database

U64 WNW 1/2 - 1 Mile

MN WELLS MN8000000213417

162

WELLS:

Lower

Well Number: 0000526482 Well ID: 526482 Original Owner: STANZIG, RUSS Well Elevation (ft): 1020 Well Status: Domestic Active Well Use: Drill Depth (ft): 177 Completion Depth (ft): 177

19930505 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 4 Grouted: Well grouted, type unknown

Dist from Potential Contamination:

Direction to Potential Contamination: W

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 115 First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith

Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geochem Info Exists: Geophys Log Exists: Not Reported Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 905 Open Hole Top Elevation: 858 Open Hole Bottom Elevation: 843 Bottom Hole Elevation: 843 Num of SWL Measurements: 1 SW Measured: 19930505 Avg Depth to Water: 50

Avg SW Elevation: 970

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000526482 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000526482

V65 North 1/2 - 1 Mile Lower

MN WELLS MN800000175065

WELLS:

441028 Well Number: 0000441028 Well ID: Original Owner: LITKE, RAY Well Elevation (ft): 1018 Well Status: Well Use: Domestic Active Completion Depth (ft):

Drill Depth (ft): Date Completed: 19870302

69 Casing Diameter (inches): Casing Depth (ft):

Grouted: Well known to be not grouted

Dist from Potential Contamination: Direction to Potential Contamination: S

Septic Tank/Drain Fail Type of Contamination:

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported

Last Stratigraphic Unit: sand +larger-gray Top Open Strat Unit: sand +larger-gray Bottom Open Strat Unit: sand +larger-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: Open Hole Bottom Elevation: 949 945 Bottom Hole Elevation: 945 Num of SWL Measurements: 1

SW Measured: 19870302 Avg Depth to Water: 25

Avg SW Elevation: 993

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000441028
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000441028

NW MN WELLS MN800000213439

1/2 - 1 Mile Higher

WELLS:

Well Number: 0000655212 Well ID: 655212 Well Elevation (ft): Original Owner: Not Reported 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 161 Completion Depth (ft): 161

Date Completed: 20001015

Casing Diameter (inches): 0 Casing Depth (ft): 101

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 68

First Stratigraphic Unit:

Last Stratigraphic Unit:

Cretaceous undiff.

Cretaceous regolith

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Υ 954 Open Hole Top Elevation: 921 Open Hole Bottom Elevation: 861 861 Bottom Hole Elevation: Num of SWL Measurements: 0 SW Measured: O Avg Depth to Water: O

Avg SW Elevation: 0

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000655212 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000655212

Q67 SSW MN WELLS MN800000209076

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000633158 Well ID: 633158 Well Elevation (ft): Original Owner: ANDERSON, BARB 1013 Well Status: Active Well Use: Domestic Drill Depth (ft): 94 Completion Depth (ft): 89

Date Completed: 19991004

Casing Diameter (inches): 4 Casing Depth (ft): 81

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 98 Direction to Potential Contamination: NE

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: 1 Top Open Strat Unit: 1 Sand-gray Sand-gr

Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Υ Bedrock Elevation: O Open Hole Top Elevation: 932 Open Hole Bottom Elevation: 924 Bottom Hole Elevation: 919 Num of SWL Measurements: 1 19991004 SW Measured: Avg Depth to Water: 40

Avg SW Elevation: 973

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000633158
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000633158

\$68 NNW MN WELLS MN800000209837 1/2 - 1 Mile

Higher

WELLS:

Well Number: 0000626129 Well ID: 626129 Well Elevation (ft): Original Owner: Not Reported 1019 Well Status: Active Well Use: Domestic Drill Depth (ft): 78 Completion Depth (ft): 73

Date Completed: 19990504

Casing Diameter (inches): 4 Casing Depth (ft): 68

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 74

First Stratigraphic Unit: Cretaceous undiff.
Last Stratigraphic Unit: Cretaceous undiff.

Top Open Strat Unit: sand-gray Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:945Open Hole Top Elevation:951Open Hole Bottom Elevation:946Bottom Hole Elevation:941Num of SWL Measurements:1SW Measured:19990504Avg Depth to Water:22

Avg SW Elevation: 997

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000626129
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000626129

U69
WNW
MN WELLS MN800000209607
1/2 - 1 Mile

Higher WELLS:

479308 Well Number: 0000479308 Well ID: Original Owner: NELSON, STEVE Well Elevation (ft): 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): 147 Completion Depth (ft): 147

Date Completed: 19920426

Casing Diameter (inches): 4 Casing Depth (ft): 137

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 120 Direction to Potential Contamination: SE

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 55 First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit:
Top Open Strat Unit:
Bottom Open Strat Unit:
Cretaceous regolith
Cretaceous regolith
Cretaceous regolith
Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 967 Open Hole Top Elevation: 885 Open Hole Bottom Elevation: 875 Bottom Hole Elevation: 875 Num of SWL Measurements: 1 SW Measured: 19920426 Avg Depth to Water: 50

Avg SW Elevation: 972

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000479308 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000479308

W70 **SSE** 1/2 - 1 Mile **MN WELLS** MN8000000217191

Lower

WELLS:

Well Number: 0000330415 Well ID: 330415 Original Owner: JOHNSON, STUART Well Elevation (ft): 1009 Well Status: Sealed Well Use: Abandoned 64 Completion Depth (ft): 64

Drill Depth (ft): Date Completed: 20070823

Casing Diameter (inches):

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Casing Depth (ft):

Type of Contamination: Not Reported Depth to Bedrock: 64

First Stratigraphic Unit: Reformatory Granite

Last Stratigraphic Unit: Reformatory Granite

Top Open Strat Unit: Not Reported Bottom Open Strat Unit: Not Reported Aquifer: Not Reported Well Cuttings: Not Reported Geophys Log Exists: Not Reported Core Sample Taken: Not Reported Geochem Info Exists: Water Chemistry Info Exists: Not Reported Not Reported

Observation Well: Not Reported Static Water Level Reading: Bedrock Elevation: 945 Open Hole Top Elevation: 0 945 Bottom Hole Elevation: Open Hole Bottom Elevation: 945 SW Measured: 20070823 Num of SWL Measurements: 1 Avg Depth to Water: 20 Avg SW Elevation: 989 Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000330415

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000330415

SSE MN WELLS MN8000000209092 1/2 - 1 Mile

WELLS:

Lower

Well ID: 755725 Well Number: 0000755725 Original Owner: JOHNSON, STUART Well Elevation (ft): 1010 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 36 36

Date Completed: 20070828

Casing Diameter (inches): Casing Depth (ft): 31

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: S

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: sand-brown Aquifer: Quat. Water Table Aquifer

0

Not Reported Well Cuttings: Not Reported Core Sample Taken: Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 979 Open Hole Bottom Elevation: 974 Bottom Hole Elevation: 974 Num of SWL Measurements: 1 SW Measured: 20070828 Avg Depth to Water: 25

Avg SW Elevation: 985

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000755725 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000755725

72 ENE **MN WELLS** MN8000000209580 1/2 - 1 Mile

Lower

WELLS:

Well Number: 0000754751 Well ID: 754751 Original Owner: HURRLE, LARRY Well Elevation (ft): 1018 Well Status: Active Well Use: Irrigation Drill Depth (ft): 66 Completion Depth (ft): 61

20070629 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 46 12

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 65

First Stratigraphic Unit: Reformatory Granite Last Stratigraphic Unit: Reformatory Granite Top Open Strat Unit: sand +larger-gray Bottom Open Strat Unit: sand +larger-gray

Quat. Water Table Aquifer Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported Static Water Level Reading: Υ Bedrock Elevation: 953

972 Open Hole Top Elevation: Open Hole Bottom Elevation: 957 Bottom Hole Elevation: 952 Num of SWL Measurements: 1 SW Measured: 20070629 Avg Depth to Water: 18 Avg SW Elevation: 1000

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000754751 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000754751

MN WELLS MN800000188693 1/2 - 1 Mile Higher

WELLS:

Well Number: 0000665217 Well ID: 665217 Original Owner: Well Elevation (ft): Not Reported 1023 Well Status: Active Well Use: Domestic Drill Depth (ft): 190 Completion Depth (ft): 188

Date Completed: 20010809

Casing Diameter (inches): Casing Depth (ft): 155

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 68

First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:955Open Hole Top Elevation:868Open Hole Bottom Elevation:835Bottom Hole Elevation:833Num of SWL Measurements:1SW Measured:20010809Avg Depth to Water:82

Avg SW Elevation: 941

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000665217
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000665217

T74
West MN WELLS MN800000209550
1/2 - 1 Mile

Lower

WELLS:

 Well Number:
 0000575831
 Well ID:
 575831

 Original Owner:
 LINN, DAVID
 Well Elevation (ft):
 995

 Well Status:
 Active
 Well Use:
 Domestic

 Drill Depth (ft):
 113
 Completion Depth (ft):
 113

Date Completed: 19961030

Casing Diameter (inches): 4 Casing Depth (ft): 103

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 100

First Stratigraphic Unit:

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: 895 Open Hole Top Elevation: 892 Open Hole Bottom Elevation: 882 Bottom Hole Elevation: Num of SWL Measurements: 882 1 SW Measured: 19960802 Avg Depth to Water: 40 Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000575831
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000575831

Y75
NNW
MN WELLS
MN8000000209827
1/2 - 1 Mile

WELLS:

Higher

626128 Well Number: 0000626128 Well ID: Well Elevation (ft): Original Owner: 1022 Not Reported Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 78 74

Date Completed: 19990505

Casing Diameter (inches): 4 Casing Depth (ft): 68

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 74

First Stratigraphic Unit: Cretaceous undiff.
Last Stratigraphic Unit: Cretaceous undiff.

Top Open Strat Unit: sand-gray Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: 948 Open Hole Top Elevation: 954 Open Hole Bottom Elevation: 948 Bottom Hole Elevation: 944 Num of SWL Measurements: SW Measured: 19990505 Avg Depth to Water: 24 Avg SW Elevation: 998

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000626128
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000626128

Y76
NNW
MN WELLS
MN8000000209831
1/2 - 1 Mile

WELLS:

Higher

Well Number: 0000626131 Well ID: 626131 Original Owner: Well Elevation (ft): Not Reported 1021 Well Status: Active Well Use: Domestic Drill Depth (ft): 78 Completion Depth (ft): 73

Date Completed: 19990506

Casing Diameter (inches): 4 Casing Depth (ft): 58

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 74

First Stratigraphic Unit: Cretaceous undiff.
Last Stratigraphic Unit: Cretaceous undiff.

Top Open Strat Unit: sand-gray Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:947Open Hole Top Elevation:963Open Hole Bottom Elevation:948Bottom Hole Elevation:943Num of SWL Measurements:1SW Measured:19990506Avg Depth to Water:24

Avg SW Elevation: 997

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000626131
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000626131

77 NW MN WELLS MN800000213442 1/2 - 1 Mile

WELLS:

Higher

Well Number: 0000655211 Well ID: 655211 Original Owner: Not Reported Well Elevation (ft): 1021 Well Status: Well Use: Active Domestic Drill Depth (ft): Completion Depth (ft): 172 171

Date Completed: 20001016

Casing Diameter (inches): 6 Casing Depth (ft): 100

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 79

First Stratigraphic Unit:

Cretaceous undiff.

Last Stratigraphic Unit:

Cretaceous regolith

Top Open Strat Unit:

Bottom Open Strat Unit:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Not Reported Well Cuttings: Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported Static Water Level Reading: Bedrock Elevation: 942 921 Open Hole Top Elevation: Open Hole Bottom Elevation: 850 Bottom Hole Elevation: 849 Num of SWL Measurements: 0 SW Measured: Avg Depth to Water: 0

Avg SW Elevation: 0

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000655211
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000655211

U78
WNW
MN WELLS
MN8000000209609
1/2 - 1 Mile

Higher

WELLS:

Well Number: 0000671371 Well ID: 671371

Original Owner: KIFFMEYER, LARRY

Well Elevation (ft):1023Well Status:ActiveWell Use:DomesticDrill Depth (ft):165

Completion Depth (ft): 165
Date Completed: 20020509

Casing Diameter (inches): 4 Casing Depth (ft): 132

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination:

Not Reported

Depth to Bedrock: 121

First Stratigraphic Unit:

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous undiff.

Reformatory Granite

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:902Open Hole Top Elevation:891Open Hole Bottom Elevation:858Bottom Hole Elevation:858Num of SWL Measurements:1SW Measured:20020509Avg Depth to Water:75

Avg SW Elevation: 948

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000671371
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000671371

Map ID Direction Distance

EDR ID Number Elevation Database

R79 SW 1/2 - 1 Mile

MN WELLS MN8000000213403

80

WELLS:

Lower

632705 Well Number: 0000632705 Well ID: Original Owner: Not Reported Well Elevation (ft): 998 Well Status: Well Use: Domestic Active Drill Depth (ft): 80 Completion Depth (ft): 80

19990721 Date Completed:

Casing Diameter (inches): 4 Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported Type of Contamination: Depth to Bedrock: Not Reported 0

Casing Depth (ft):

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported Water Chemistry Info Exists: Not Reported Observation Well:

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 918 Open Hole Bottom Elevation: 918 Bottom Hole Elevation: 918 Num of SWL Measurements: SW Measured: 19990721 Avg Depth to Water: 34

Avg SW Elevation: 964

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000632705 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000632705

wsw 1/2 - 1 Mile Lower

MN WELLS MN8000000209349

WELLS:

Well Number: 0000622702 Well ID: 622702

Original Owner: KLOSKOWSKI, MATT

Well Status: Well Elevation (ft): 995 Active Well Use: Domestic Drill Depth (ft): 165

Completion Depth (ft): 161 Date Completed: 19981013

Casing Diameter (inches): Casing Depth (ft): 151

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 151

First Stratigraphic Unit: Cretaceous regolith Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Not Reported Geophys Log Exists: Geochem Info Exists: Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 844 Open Hole Top Elevation: 844 Open Hole Bottom Elevation: 834 Bottom Hole Elevation: Num of SWL Measurements: 830 1 SW Measured: 19981013 Avg Depth to Water: 53

Avg SW Elevation: 942

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000622702
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000622702

Z81
WNW
MN WELLS MN800000209589

1/2 - 1 Mile Higher

WELLS:

Well Number: 0000519352 Well ID: 519352 Original Owner: JOHNSON, CHUCK Well Elevation (ft): 1020 Well Status: Active Well Use: Domestic Drill Depth (ft): 167 Completion Depth (ft): 167 Date Completed: 19921029

Casing Diameter (inches): 4 Casing Depth (ft): 159

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 60

First Stratigraphic Unit:

Last Stratigraphic Unit:

Cretaceous regolith

Top Open Strat Unit:

Bottom Open Strat Unit:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:960Open Hole Top Elevation:861Open Hole Bottom Elevation:853Bottom Hole Elevation:853Num of SWL Measurements:1SW Measured:19921029Avg Depth to Water:72

Avg SW Elevation: 948

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000519352
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000519352

Y82 NNW MN WELLS MN800000213449

1/2 - 1 Mile Higher

WELLS:

Well Number: 0000619104 Well ID: 619104 Original Owner: Well Elevation (ft): 1022 Not Reported Well Status: Active Well Use: Domestic Drill Depth (ft): 413 Completion Depth (ft): 413

Date Completed: 19980915

Casing Diameter (inches): 6 Casing Depth (ft): 134

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 71

First Stratigraphic Unit:

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous undiff.

Reformatory Granite

Reformatory Granite

Reformatory Granite

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

951 Static Water Level Reading: Υ Bedrock Elevation: Open Hole Top Elevation: 888 Open Hole Bottom Elevation: 609 Bottom Hole Elevation: 609 Num of SWL Measurements: 1 19980919 SW Measured: Avg Depth to Water: 45

Avg SW Elevation: 977

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000619104 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000619104

U83 WNW 1/2 - 1 Mile **MN WELLS** MN8000000209612

Higher

WELLS:

Well Number: 0000550470 Well ID: 550470 Well Elevation (ft): Original Owner: DENNE, JERRY 1023 Well Status: Active Well Use: Domestic Drill Depth (ft): 192 Completion Depth (ft): 192

Date Completed: 19941025

Casing Diameter (inches): Casing Depth (ft): 187

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 100 Direction to Potential Contamination: SE

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 127 First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well:

Static Water Level Reading: Bedrock Elevation: 896 Υ Open Hole Top Elevation: 836 Open Hole Bottom Elevation: 831 Bottom Hole Elevation: 831 Num of SWL Measurements: 19941025 SW Measured: Avg Depth to Water: 75

Avg SW Elevation: 948

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000550470 https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000550470 Strat URL:

AA84 **MN WELLS** MN8000000209292 1/2 - 1 Mile

WELLS:

Lower

Well Number: 0000574119 Well ID: 574119 Well Elevation (ft): Original Owner: ROBERTS, MIKE 1010 Well Status: Active Well Use: Domestic Drill Depth (ft): 90 Completion Depth (ft): 89

19951108 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 85

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported

Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 925 Open Hole Bottom Elevation: 921 Bottom Hole Elevation: 920 Num of SWL Measurements: 1 SW Measured: 19951108 Avg Depth to Water: 55

Avg SW Elevation: 955

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000574119 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000574119

NNW **MN WELLS** MN8000000210061 1/2 - 1 Mile

Higher

WELLS:

616769 Well Number: 0000616769 Well ID: Well Elevation (ft): Original Owner: HURRLE, FRANCES 1021 Well Status: Active Well Use: Domestic Completion Depth (ft): 77

Drill Depth (ft): 77 Date Completed: 19980821

Casing Diameter (inches): Casing Depth (ft): 71

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: SW

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported

Last Stratigraphic Unit: sand Top Open Strat Unit: sand

Bottom Open Strat Unit: sand

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geochem Info Exists: Not Reported Geophys Log Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Υ Bedrock Elevation: Open Hole Top Elevation: 950 Open Hole Bottom Elevation: 944 Bottom Hole Elevation: 944 Num of SWL Measurements: SW Measured: 19980821 Avg Depth to Water: 26 Avg SW Elevation: 995

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000616769 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000616769

MN WELLS MN8000000213441 1/2 - 1 Mile Higher

WELLS:

Well ID: 655210 Well Number: 0000655210 Original Owner: Not Reported Well Elevation (ft): 1021 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 171 170

Date Completed: 20001017

Casing Diameter (inches): Casing Depth (ft): 120

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith

Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 982 Open Hole Top Elevation: 901 Open Hole Bottom Elevation: 851 Bottom Hole Elevation: 850 Num of SWL Measurements: 0 SW Measured: 0 Avg Depth to Water: 0

Avg SW Elevation: n

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000655210 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000655210

X87 NW **MN WELLS** MN8000000213435

1/2 - 1 Mile Higher

WELLS:

Well Number: 0000655237 Well ID: 655237 Original Owner: Not Reported Well Elevation (ft): 1021 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 202 200

Date Completed: 20010417

Casing Diameter (inches): Casing Depth (ft): 155

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 75

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Cretaceous regolith Aquifer:

0

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported Static Water Level Reading: Bedrock Elevation: 946 Υ Open Hole Top Elevation: 866 Open Hole Bottom Elevation: 821 Bottom Hole Elevation: 819 Num of SWL Measurements: 0

Avg Depth to Water:

SW Measured: Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000655237 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000655237

AB88 MN WELLS MN8000000209823 NW 1/2 - 1 Mile

Higher WELLS:

Well Number: 0000618868 Well ID: 618868 Original Owner: ALESHIRE, CHRIS Well Elevation (ft): 1021 Well Status: Active Well Use: Domestic Drill Depth (ft): 38 Completion Depth (ft): 38

Date Completed: 19990801

Casing Diameter (inches): Casing Depth (ft): 18

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 100 Direction to Potential Contamination: Ν

0

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: sand-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:1003Open Hole Bottom Elevation:983Bottom Hole Elevation:983Num of SWL Measurements:1SW Measured:19990801Avg Depth to Water:26

Avg SW Elevation: 995

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000618868
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000618868

X89 NW MN WELLS MN800000213436

1/2 - 1 Mile Higher

WELLS:

 Well Number:
 0000742419
 Well ID:
 742419

 Original Owner:
 ROOS, DAN
 Well Elevation (ft):
 1021

 Well Status:
 Active
 Well Use:
 Domestic

 Drill Depth (ft):
 171
 Completion Depth (ft):
 170

Date Completed: 20060619

Casing Diameter (inches): 6 Casing Depth (ft): 120

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 39

First Stratigraphic Unit:

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:982Open Hole Top Elevation:901Open Hole Bottom Elevation:851Bottom Hole Elevation:850Num of SWL Measurements:0SW Measured:0Avg Depth to Water:0Avg SW Elevation:0

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000742419

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000742419

WELLS:

610537 Well Number: 0000610537 Well ID: Well Elevation (ft): Original Owner: **ALESHIRE** 1021 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 107 107

Date Completed: 19980327

Casing Diameter (inches): 4 Casing Depth (ft): 99

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 80

First Stratigraphic Unit:

Last Stratigraphic Unit:

Cretaceous undiff.

Cretaceous regolith

Top Open Strat Unit:

Cretaceous undiff.

Cretaceous undiff.

Cretaceous regolith

Cretaceous regolith

Aquifer:multipleWell Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not Reported

Observation Well: Not Reported Static Water Level Reading: Bedrock Elevation: 941 Open Hole Top Elevation: 922 Open Hole Bottom Elevation: 914 Bottom Hole Elevation: 914 19980327 Num of SWL Measurements: SW Measured: 1 Avg Depth to Water: 40 Avg SW Elevation: 981 Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000610537

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000610537

NNW 1/2 - 1 Mile Higher

WELLS:

 Well Number:
 0000616753
 Well ID:
 616753

 Original Owner:
 HURRLE, FRANCES
 Well Elevation (ft):
 1022

 Well Status:
 Active
 Well Use:
 Domestic

 Drill Depth (ft):
 70
 Completion Depth (ft):
 70

Drill Depth (ft): 70 Completion Depth (ft): Date Completed: 19980727

Casing Diameter (inches): 4 Casing Depth (ft): 64

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 150 Direction to Potential Contamination: SE

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand Top Open Strat Unit: sand

Bottom Open Strat Unit: sand

Aguifer: Quat. buried artes. aguifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:958Open Hole Bottom Elevation:952Bottom Hole Elevation:952Num of SWL Measurements:1SW Measured:19980727Avg Depth to Water:26

Avg SW Elevation: 996

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000616753
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000616753

Z92 WNW 1/2 - 1 Mile Higher

MN WELLS MN8000000209592

WELLS:

Well Number: 0000424193 Well ID: 424193 Original Owner: NASS, DAVE Well Elevation (ft): 1010 Well Status: Well Use: Active Domestic Drill Depth (ft): 176 Completion Depth (ft): 175

MN WELLS

MN8000000210059

Date Completed: 19860925

Casing Diameter (inches): 4 Casing Depth (ft): 171

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 56

First Stratigraphic Unit:

Last Stratigraphic Unit:

Cretaceous undiff.

Cretaceous regolith

Top Open Strat Unit:

Bottom Open Strat Unit:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Observation Well: Not Reported Static Water Level Reading: Υ Bedrock Elevation: 954 839 Open Hole Bottom Elevation: Open Hole Top Elevation: 835

Bottom Hole Elevation:

834

Num of SWL Measurements:

1 9860925

Avg Depth to Water:

62

Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000424193
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000424193

AA93 SW MN WELLS MN800000209295 1/2 - 1 Mile Lower

WELLS:

Well Number: 0000632154 Well ID: 632154

Original Owner: RUDNITSKI, LOREE

Well Elevation (ft):1009Well Status:ActiveWell Use:DomesticDrill Depth (ft):99

Completion Depth (ft): 99

Date Completed: 19991030

Casing Diameter (inches): 4 Casing Depth (ft): 95
Grouted: Well grouted, type unknown
Dist from Potential Contamination: 100 Direction to Potential Contamination: S

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand Top Open Strat Unit: sand

Bottom Open Strat Unit: sand

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:914Open Hole Bottom Elevation:910Bottom Hole Elevation:910Num of SWL Measurements:1SW Measured:19991030Avg Depth to Water:40

Avg SW Elevation: 969

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000632154
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000632154

AC94 North 1/2 - 1 Mile Lower

MN WELLS MN800000210076

WELLS:

Well ID: 538477 Well Number: 0000538477 Well Elevation (ft): Original Owner: SKAGGS, MELVIN 1019 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 65 65

19931213 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 61

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: **SEW** Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-gray Top Open Strat Unit: sand-gray Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geochem Info Exists: Geophys Log Exists: Not Reported Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Υ Open Hole Top Elevation: 958 Open Hole Bottom Elevation: 954 Bottom Hole Elevation: 954 Num of SWL Measurements: SW Measured: 19941020 Avg Depth to Water: 21

Avg SW Elevation: 998

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000538477 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000538477

NNW 1/2 - 1 Mile

MN WELLS MN8000000213454

WELLS:

Higher

Well Number: 0000619115 Well ID: 619115 HURRLE, LARRY Well Elevation (ft): Original Owner: 1023 Well Status: Active Well Use: Domestic Drill Depth (ft): 70 Completion Depth (ft): 68

Date Completed: 19980917

Casing Depth (ft): Casing Diameter (inches): 61

Grouted: Well grouted, type unknown

Dist from Potential Contamination:

Direction to Potential Contamination: Not Reported Type of Contamination: Not Reported Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray Bottom Open Strat Unit: sand-gray

Top Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Not Reported Core Sample Taken: Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 962 Open Hole Bottom Elevation: 955 Bottom Hole Elevation: 953 Num of SWL Measurements: 1 SW Measured: 19980917 Avg Depth to Water: 24

Avg SW Elevation: 999

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000619115 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000619115

West 1/2 - 1 Mile Lower

MN8000000209565 **MN WELLS**

WELLS:

Well ID: 554700 Well Number: 0000554700 Well Elevation (ft): Original Owner: BEMBOOM, DUANE 997 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 167 167

Date Completed: 19950824

Casing Diameter (inches): Casing Depth (ft): 151

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: SW

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported

gravel (+larger)-gray Last Stratigraphic Unit:

Top Open Strat Unit: sand-gray Bottom Open Strat Unit: gravel (+larger)-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Geochem Info Exists: Not Reported Geophys Log Exists: Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 830 846 Open Hole Bottom Elevation: Bottom Hole Elevation: 830 Num of SWL Measurements: 1 SW Measured: 19950901 Avg Depth to Water: 50

Avg SW Elevation: 947

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000554700 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000554700

AB97 MN WELLS MN8000000213446

1/2 - 1 Mile Higher

WELLS:

0000582914 Well ID: 582914 Well Number:

Original Owner: STRANDBERG, BRIAN

Well Elevation (ft): 1019 Well Status: Active Well Use: Domestic Drill Depth (ft): 127

Completion Depth (ft): 127 Date Completed: 19960807

Casing Diameter (inches): Casing Depth (ft): 107

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: W

Type of Contamination: Septic Tank/Drain Fail

105 Depth to Bedrock: First Stratigraphic Unit: Cretaceous regolith

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 914 Open Hole Top Elevation: 912 Open Hole Bottom Elevation: 892 Bottom Hole Elevation: 892 Num of SWL Measurements: 1 19960807 50 SW Measured: Avg Depth to Water:

Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000582914 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000582914

Map ID Direction Distance

EDR ID Number Elevation Database

Casing Depth (ft):

Depth to Bedrock:

Direction to Potential Contamination:

AD98 WNW 1/2 - 1 Mile Higher

MN WELLS MN800000133650

160

80

Not Reported

WELLS:

Well Number: 0000655233 Well ID: 655233 Original Owner: Not Reported Well Elevation (ft): 1020 Well Status: Domestic Active Well Use: Drill Depth (ft): 202 Completion Depth (ft): 200

Well grouted, type unknown

20010409 Date Completed: Casing Diameter (inches): 6

Grouted:

Dist from Potential Contamination:

Type of Contamination: Not Reported

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith

Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Cretaceous regolith

Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 940 Open Hole Top Elevation: 860 Open Hole Bottom Elevation: 820 Bottom Hole Elevation: 818 Num of SWL Measurements: 1 SW Measured: 20010409 Avg Depth to Water: 60

Avg SW Elevation: 960

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000655233 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000655233

AE99 WSW 1/2 - 1 Mile Lower

MN WELLS MN8000000209329

128

WELLS:

627697 Well Number: 0000627697 Well ID: Original Owner: HEID, RICK Well Elevation (ft): 996 Well Status: Well Use: Active Domestic Drill Depth (ft): Completion Depth (ft): 138

Date Completed: 19990621

Casing Diameter (inches): Casing Depth (ft): Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Ν

Septic Tank/Drain Fail Type of Contamination:

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported

Last Stratigraphic Unit: sand +larger-brown Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown

Aquifer: Quat. buried artes. aquifer Well Cuttings: Not Reported

Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported Bedrock Elevation: 0

Static Water Level Reading: Open Hole Top Elevation: 868 Open Hole Bottom Elevation: 858 Bottom Hole Elevation: 858 Num of SWL Measurements: 1

19990621 SW Measured: Avg Depth to Water: 50

Avg SW Elevation: 946

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000627697 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000627697

AB100 MN WELLS MN8000000209845 NNW

1/2 - 1 Mile Higher

WELLS:

Well Number: 0000648121 Well ID: 648121

PAUL, TODD & CINDY Original Owner:

Well Elevation (ft): 1021 Well Status: Active Well Use: Irrigation Drill Depth (ft): 57

Completion Depth (ft): 57

Date Completed: 20000724

Casing Diameter (inches): Casing Depth (ft): 57

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: NW

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: Top Open Strat Unit: sand-brown clay-gray

Bottom Open Strat Unit: sand-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported Water Chemistry Info Exists: Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 964 Open Hole Bottom Elevation: 964 964 Bottom Hole Elevation: Num of SWL Measurements: 1 20000724 SW Measured: Avg Depth to Water: 27

Avg SW Elevation: 994

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000648121 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000648121

AB101 NNW MN WELLS MN8000000213452

Higher WELLS:

1/2 - 1 Mile

Well Number: 0000619116 Well ID: 619116 Well Elevation (ft): Original Owner: Not Reported 1021 Well Status: Active Well Use: Domestic Drill Depth (ft): 175 Completion Depth (ft): 175

19980918 Date Completed:

Casing Diameter (inches): 5 Casing Depth (ft): 96

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: 75 NW

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 50 First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Reformatory Granite Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith

Aquifer: Cretaceous regolith

Well Cuttings: Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported

Observation Well: Water Chemistry Info Exists: Not Reported Not Reported

Static Water Level Reading: Not Reported Bedrock Elevation: 971 Open Hole Top Elevation: 925 Open Hole Bottom Elevation: 846 Bottom Hole Elevation: 846 Num of SWL Measurements: 0 SW Measured: 0 Avg Depth to Water: 0

Avg SW Elevation: 0

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000619116 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000619116

AC102 MN WELLS MN8000000242233 North 1/2 - 1 Mile

Lower

WELLS:

Well Number: Well ID: 273549 0000273549 Well Elevation (ft): Original Owner: SKAGGS, MELVIN 1019 Well Status: Sealed Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 79 79

Date Completed: 19931213

Casing Diameter (inches): Casing Depth (ft): 75

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 50 Direction to Potential Contamination: Not Reported

Type of Contamination: SEW Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand Top Open Strat Unit: Bottom Open Strat Unit: sand sand

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: Open Hole Bottom Elevation: 944 940 Bottom Hole Elevation: 940 Num of SWL Measurements: SW Measured: 19931213 Avg Depth to Water: 25 Avg SW Elevation: 994

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000273549 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000273549

AB103 MN WELLS MN8000000210054 NNW 1/2 - 1 Mile Higher

WELLS:

Well Number: 0000626143 Well ID: 626143

Original Owner: PAUL, TODD & CINDY

Well Elevation (ft): 1021 Well Status: Sealed Well Use: Abandoned Drill Depth (ft): 41

Completion Depth (ft): 40 19990601 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 25

Grouted:

Well grouted, type unknown Dist from Potential Contamination: 75 Direction to Potential Contamination: Ν

Type of Contamination:

Septic Tank/Drain Fail Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: Aquifer: Quat. Water Table Aquifer sand-brown

Well Cuttings: Not Reported Core Sample Taken: Not Reported

Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:996Open Hole Bottom Elevation:981Bottom Hole Elevation:980Num of SWL Measurements:1SW Measured:19990601Avg Depth to Water:23

Avg SW Elevation: 998

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000626143
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000626143

AB104
NNW
MN WELLS
MN8000000209848
1/2 - 1 Mile

Higher

WELLS:

592513 Well Number: 0000592513 Well ID: Original Owner: Not Reported Well Elevation (ft): 1020 Well Status: Active Well Use: Domestic Drill Depth (ft): 121 Completion Depth (ft): 118

Date Completed: 19970423

Casing Diameter (inches): 4 Casing Depth (ft): 110

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 90

First Stratigraphic Unit:

Last Stratigraphic Unit:

Cretaceous regolith

Top Open Strat Unit:

Bottom Open Strat Unit:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: 930 Open Hole Top Elevation: 910 Open Hole Bottom Elevation: 902 Bottom Hole Elevation: 899 Num of SWL Measurements: 1 SW Measured: 19970423 Avg Depth to Water: 45 Avg SW Elevation: 975

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000592513
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000592513

AD105 WNW MN WELLS MN800000077223 1/2 - 1 Mile

WELLS:

Higher

Well ID: Well Number: 0000665201 665201 Original Owner: Not Reported Well Elevation (ft): 1020 Well Status: Active Well Use: Domestic Drill Depth (ft): 195 Completion Depth (ft): 192

Date Completed: 20010719

Casing Diameter (inches): 6 Casing Depth (ft): 159

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 76

First Stratigraphic Unit: Cretaceous undiff.
Last Stratigraphic Unit: Reformatory Granite

Top Open Strat Unit: Cretaceous regolith
Bottom Open Strat Unit: Cretaceous regolith
Aquifer: Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Not Reported Bedrock Elevation: 944 Open Hole Top Elevation: 861 Open Hole Bottom Elevation: 828 Bottom Hole Elevation: 825 Num of SWL Measurements: 0 SW Measured: n Avg Depth to Water: 0 Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000665201
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000665201

AE106
WSW
MN WELLS
MN8000000213210
1/2 - 1 Mile

Lower
WELLS:

Well Number: 0000132061 Well ID: 132061

Original Owner: KUSTERMANN, MARVIN

Well Elevation (ft):995Well Status:ActiveWell Use:DomesticDrill Depth (ft):79

Completion Depth (ft): 79
Date Completed: 19770210

Casing Diameter (inches): 4 Casing Depth (ft): 79

Grouted: Well known to be not grouted

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: gravel (+larger)

Top Open Strat Unit: gravel (+larger)
Bottom Open Strat Unit: gravel (+larger)

Aguifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 916 Open Hole Bottom Elevation: 916 Bottom Hole Elevation: 916 Num of SWL Measurements: 1 SW Measured: 19770210 Avg Depth to Water: 44 Avg SW Elevation: 951

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000132061
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000132061

AF107
WSW
MN WELLS MN800000209341

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000578749 Well ID: 578749

Original Owner: BUTKOWSKI, STEVE & KIM

Well Elevation (ft): 999 Well Status: Active Well Use: Domestic Drill Depth (ft): 151

Completion Depth (ft): 149

Date Completed: 19960508

Casing Diameter (inches): 4 Casing Depth (ft): 145

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 150

First Stratigraphic Unit: Cretaceous regolith
Last Stratigraphic Unit: Cretaceous regolith

Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aguifer: Quat. Water Table Aguifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not ReportedStatic Water Level Reading:YBedrock Elevation:849

Static Water Level Reading: Y Bedrock Elevation: 849

Open Hole Top Elevation: 854

Bottom Hole Elevation: 848

Num of SWL Measurements: 1

SW Measured: 19960508

Avg Depth to Water: 42

Avg SW Elevation: 957

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000578749
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000578749

AG108
WNW
1/2 - 1 Mile

MN WELLS
MN800000015837

WELLS:

Lower

Well Number: 0000424938 Well ID: 424938

Original Owner: HOLLERMAN, JEFF/ JAN

Well Elevation (ft): 998 Well Status: Active
Well Use: Domestic Drill Depth (ft): 62

Completion Depth (ft): 62 Date Completed: 19860728

Casing Diameter (inches): 4 Casing Depth (ft): 58

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aguifer: Quat. buried artes. aguifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:940Open Hole Bottom Elevation:936Bottom Hole Elevation:936Num of SWL Measurements:1SW Measured:19860728Avg Depth to Water:21

Avg SW Elevation: 977

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000424938
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000424938

AG109
West MN WELLS MN800000209578
1/2 - 1 Mile

WELLS:

Lower

Well Number: 0000570798 Well ID: 570798 Original Owner: PROM, MARK Well Elevation (ft): 997 Well Status: Well Use: Active Domestic Drill Depth (ft): 165 Completion Depth (ft): 165

Date Completed: 19951116

Casing Diameter (inches): 4 Casing Depth (ft): 145

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand +larger-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand +larger-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 852 Open Hole Bottom Elevation: 832 Bottom Hole Elevation: 832 Num of SWL Measurements: 1 19951108 Avg Depth to Water: 50 SW Measured: Avg SW Elevation: 947

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000570798
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000570798

AG110 WNW FED USGS USGS40000547677

1/2 - 1 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

35N30W30BBCCBD01 Monitor Location: Type: Well HUC: 07010203 Description: Not Reported Drainage Area Units: Drainage Area: Not Reported Not Reported Contrib Drainage Area Unts: Contrib Drainage Area: Not Reported Not Reported

Aquifer: Not Reported Formation Type: Glacial Buried Sand and/or Gravel

Aquifer Type:Confined single aquiferConstruction Date:19860728Well Depth:62Well Depth Units:ftWell Hole Depth:62Well Hole Depth Units:ft

AH111 FED USGS USGS40000547757

1/2 - 1 Mile Higher

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W30BBB 01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Formation Type: Not Reported Aquifer: Not Reported Aquifer Type: Not Reported Construction Date: 19921029

Well Depth: 167 Well Depth Units: ft
Well Hole Depth Units: ft

1/2 - 1 Mile Higher

WELLS:

Well Number: 0000669495 Well ID: 669495

Original Owner: HAUS, RICHARD Well Elevation (ft): 1018 Well Status: Active Well Use: Irrigation Drill Depth (ft): 37 Completion Depth (ft): 37

Date Completed: 20020405

Casing Diameter (inches): Casing Depth (ft): 33

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination:

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: Top Open Strat Unit: sand-yellow clay-gray

sand-yellow Quat. Water Table Aquifer Bottom Open Strat Unit: Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 985 Open Hole Bottom Elevation: 981 Bottom Hole Elevation: 981 Num of SWL Measurements: SW Measured: 20020405 Avg Depth to Water: 25

Avg SW Elevation: 993

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000669495 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000669495

AI113 MN8000000213447 NW **MN WELLS**

1/2 - 1 Mile Higher

WELLS:

Well Number: 0000569050 Well ID: 569050 Original Owner: HAUS, RICK Well Elevation (ft): 1019 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 190 190

Date Completed: 19951020

Casing Diameter (inches): Casing Depth (ft): 120

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 120

First Stratigraphic Unit: Cretaceous regolith Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported Water Chemistry Info Exists: Not Reported Observation Well:

Static Water Level Reading: Bedrock Elevation: 899 Open Hole Top Elevation: 899 Open Hole Bottom Elevation: 829 Bottom Hole Elevation: 829 Num of SWL Measurements: 19951020 27 SW Measured: Avg Depth to Water:

Avg SW Elevation: 992

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000569050 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000569050

S

Map ID Direction Distance

EDR ID Number Elevation Database

AJ114 NW 1/2 - 1 Mile Higher

MN WELLS MN8000000213438

160

WELLS:

649944 Well Number: 0000649944 Well ID: Original Owner: Not Reported Well Elevation (ft): 1020 Well Status: Domestic Active Well Use: Drill Depth (ft): 202 Completion Depth (ft): 200 20000915 Date Completed:

Not Reported

Casing Diameter (inches): 6

Grouted:

Type of Contamination:

Well grouted, type unknown Dist from Potential Contamination:

Direction to Potential Contamination: Not Reported

Casing Depth (ft):

Depth to Bedrock: 85

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith

Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 935 Open Hole Top Elevation: 860 Open Hole Bottom Elevation: 820 Bottom Hole Elevation: 818 Num of SWL Measurements: 1 20000915 SW Measured: Avg Depth to Water: 75

Avg SW Elevation: 945

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000649944 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000649944

AK115 ESE 1/2 - 1 Mile Lower

MN WELLS MN8000000209316

WELLS:

598680 Well Number: 0000598680 Well ID: Original Owner: CLEMENT, DAVE Well Elevation (ft): 1005 Well Status: Well Use: Irrigation Active Drill Depth (ft): Completion Depth (ft): 52

Date Completed: 19970714

42 Casing Diameter (inches): 12 Casing Depth (ft): Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 1000 Direction to Potential Contamination: Е Type of Contamination: Other Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay+sand-brown

Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 963 Open Hole Bottom Elevation: 953 Bottom Hole Elevation: Num of SWL Measurements: 948 1 SW Measured: 19970714 Avg Depth to Water: 15

Avg SW Elevation: 990

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000598680
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000598680

AK116
ESE MN WELLS MN800000209323

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000598668 Well ID: 598668 Original Owner: CLEMENT, DAVE Well Elevation (ft): 1005 Well Status: Active Well Use: Irrigation Drill Depth (ft): 41 Completion Depth (ft): 35 Date Completed: 19970626

Casing Diameter (inches): 12 Casing Depth (ft): 27

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 1000 Direction to Potential Contamination: W
Type of Contamination: Body of Water Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-brown

Top Open Strat Unit: sand +larger-gray
Bottom Open Strat Unit: sand +larger-gray

Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:978Open Hole Bottom Elevation:970Bottom Hole Elevation:964Num of SWL Measurements:1SW Measured:19970626Avg Depth to Water:1.5

Avg SW Elevation: 1003.5

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000598668
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000598668

117 NE MN WELLS MN800000209822

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000457838 Well ID: 457838

Original Owner: HURRLE, LARRY #1

Well Elevation (ft):1017Well Status:ActiveWell Use:DomesticDrill Depth (ft):43

Completion Depth (ft): 43
Date Completed: 19810310

Casing Diameter (inches): 16 Casing Depth (ft): 28

Grouted: Well known to be not grouted

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: gravel (+larger)-brown

Top Open Strat Unit: gravel (+larger)-brown
Bottom Open Strat Unit: gravel (+larger)-brown
Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Y Bedrock Elevation: 0

Open Hole Top Elevation: 989 974 Open Hole Bottom Elevation: Bottom Hole Elevation: 974 Num of SWL Measurements: 1 SW Measured: 19810310 Avg Depth to Water: 20

Avg SW Elevation: 997

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000457838 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000457838

AI118 NW MN WELLS MN8000000209846 1/2 - 1 Mile

Higher

WELLS:

Well Number: 0000590552 Well ID: 590552

Original Owner: THEISEN, THOMAS & LAURA

Well Elevation (ft): Well Status: Active 1019 Well Use: Domestic Drill Depth (ft): 40

Completion Depth (ft): 38 Date Completed: 19970513

Casing Diameter (inches): Casing Depth (ft): 38

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 0 981 Open Hole Bottom Elevation: Open Hole Top Elevation: 981 Bottom Hole Elevation: 979 Num of SWL Measurements: 1 SW Measured: 19970513 Avg Depth to Water: 22

Avg SW Elevation: 997

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000590552 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000590552

AI119 **MN WELLS** MN8000000213448 NW

1/2 - 1 Mile Higher

WELLS:

Well Number: 0000586895 Well ID: 586895 Original Owner: FRUTH, JOHN Well Elevation (ft): 1020 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 166 166

Date Completed: 19960910

Casing Diameter (inches): 4 Casing Depth (ft): 158

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 36

Cretaceous regolith

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported

Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading:YBedrock Elevation:984Open Hole Top Elevation:862Open Hole Bottom Elevation:854Bottom Hole Elevation:854Num of SWL Measurements:1SW Measured:19960910Avg Depth to Water:80

Avg SW Elevation: 940

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000586895
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000586895

AF120
WSW
MN WELLS
MN8000000209327
1/2 - 1 Mile

Lower

WELLS:

Well ID: Well Number: 0000618198 618198 Original Owner: SINDELIR, JOEL Well Elevation (ft): 1001 Well Status: Active Well Use: Domestic Drill Depth (ft): 148 Completion Depth (ft): 148

Date Completed: 19990426

Casing Diameter (inches): 4 Casing Depth (ft): 138

Grouted:

Dist from Potential Contamination: 100 Direction to Potential Contamination: SW

Well grouted, type unknown

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: sand-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:863Open Hole Bottom Elevation:853Bottom Hole Elevation:853Num of SWL Measurements:1SW Measured:19990426Avg Depth to Water:30

Avg SW Elevation: 971

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000618198
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000618198

AL121
ENE MN WELLS MN800000214340
1/2 - 1 Mile

Lower

WELLS:

Well Number: 0000456021 Well ID: 456021

Original Owner: HURRLE, LARRY #4

Well Elevation (ft): 1022 Well Status: Active
Well Use: Domestic Drill Depth (ft): 86

Completion Depth (ft): 86
Date Completed: 19890315

Casing Diameter (inches): 12 Casing Depth (ft): 75

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand +larger-brown

Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:947Open Hole Bottom Elevation:936Bottom Hole Elevation:936Num of SWL Measurements:1SW Measured:19890315Avg Depth to Water:23

Avg SW Elevation: 999

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000456021
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000456021

AL122
ENE MN WELLS MN800000209806
1/2 - 1 Mile

Lower
WELLS:

Well Number: 0000722874 Well ID: 722874 Original Owner: HURRLE, LARRY Well Elevation (ft): 1022 Well Status: Active Well Use: Irrigation Drill Depth (ft): 75 Completion Depth (ft): 64

Date Completed: 20050802

Casing Diameter (inches): 8 Casing Depth (ft): 34

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0
First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand
Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand

Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 988 Open Hole Bottom Elevation: 958 947 Num of SWL Measurements: Bottom Hole Elevation: 1 SW Measured: 20050802 Avg Depth to Water: 20 Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000722874
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000722874

AH123 WNW MN WELLS MN800000213427 1/2 - 1 Mile

Higher

WELLS:

Well Number: 0000468330 Well ID: 468330

Original Owner: SCHNETTLER, MIKE

Well Elevation (ft):1020Well Status:ActiveWell Use:DomesticDrill Depth (ft):178

Completion Depth (ft): 178
Date Completed: 19900630

Casing Diameter (inches): 4 Casing Depth (ft): 170

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 53

First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 967 850 Open Hole Top Elevation: Open Hole Bottom Elevation: 842 Bottom Hole Elevation: Num of SWL Measurements: 842 SW Measured: 19900630 Avg Depth to Water: 15

Avg SW Elevation: 1005

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000468330 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000468330

124 **FED USGS** USGS40000547211

1/2 - 1 Mile Lower

> Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

Monitor Location: 123N27W 5CDD 01 Type: Well HUC: 07010203 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported Construction Date: 19920505 Well Depth: 46 Well Depth Units: ft Well Hole Depth: Well Hole Depth Units: 46 ft

AH125 WNW **FED USGS** USGS40000547800

1/2 - 1 Mile Higher

> Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W30BBBBBD01 Type: Well HUC: Description: Not Reported 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Cretaceous System

Aquifer Type: Not Reported Construction Date: 19860811 Well Depth: 170 Well Depth Units: ft

Well Hole Depth: 170 Well Hole Depth Units: ft

126 SW

MN WELLS MN8000000209079 1/2 - 1 Mile Lower

WELLS:

Well Number: 0000424984 Well ID: 424984 Original Owner: DEAN, KEN Well Elevation (ft): 998 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 98 97

Date Completed: 19860905

Casing Diameter (inches): 4 Casing Depth (ft): 93

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand +larger-brown

Top Open Strat Unit: sand +larger-brown
Bottom Open Strat Unit: sand +larger-brown
Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 905 Open Hole Bottom Elevation: 901 Bottom Hole Elevation: 900 Num of SWL Measurements: 1 19860905 Avg Depth to Water: 51 SW Measured: Avg SW Elevation: 947

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000424984
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000424984

127 WSW 1/2 - 1 Mile Lower

MN WELLS MN8000000209311

WELLS:

0000605737 Well ID: 605737 Well Number: Original Owner: HORTON, JACK Well Elevation (ft): 993 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 152 152

Date Completed: 19980421

Casing Diameter (inches): 4 Casing Depth (ft): 144

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:849Open Hole Bottom Elevation:841Bottom Hole Elevation:841Num of SWL Measurements:1SW Measured:19980421Avg Depth to Water:42

Avg SW Elevation: 951

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000605737
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000605737

AH128
WNW MN WELLS MN800000048890
1/2 - 1 Mile
Higher

WELLS:

Well Number: 0000424956 Well ID: 424956 Original Owner: FUCHS, DAN Well Elevation (ft): 1020 Well Status: Sealed Well Use: Domestic Drill Depth (ft): 170 Completion Depth (ft): 170

Date Completed: 19860811

Casing Diameter (inches): 4 Casing Depth (ft): 166

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 152

First Stratigraphic Unit:

Last Stratigraphic Unit:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Observation Well: Not Reported Static Water Level Reading: Υ Bedrock Elevation: 868 854 Open Hole Bottom Elevation: Open Hole Top Elevation: 850 Bottom Hole Elevation: 850 Num of SWL Measurements: 1 SW Measured: 19860811 Avg Depth to Water: 68

Avg SW Elevation: 952

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000424956
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000424956

AJ129 WNW 1/2 - 1 Mile Higher

MN WELLS MN8000000209811

85

WELLS:

649932 Well Number: 0000649932 Well ID: Original Owner: HURRLE, LARRY Well Elevation (ft): 1021 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 195 197

Date Completed: 20000816

Casing Diameter (inches): 6 Casing Depth (ft): 160

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Cretaceous regolith
Top Open Strat Unit: Cretaceous regolith
Bottom Open Strat Unit: Cretaceous regolith
Cretaceous regolith

Aquifer: Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:936Open Hole Top Elevation:861Open Hole Bottom Elevation:826Bottom Hole Elevation:824Num of SWL Measurements:1SW Measured:20000816Avg Depth to Water:60

Avg SW Elevation: 961

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000649932
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000649932

130 WNW

MN WELLS MN800000213433

1/2 - 1 Mile Higher

WELLS:

580225 Well Number: 0000580225 Well ID: Well Elevation (ft): Original Owner: FUCHS, DAN 1020 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 172 171

Date Completed: 19960522

Casing Diameter (inches): Casing Depth (ft): 171

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: S

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 59 First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 961 Open Hole Top Elevation: 849 Open Hole Bottom Elevation: 849 Bottom Hole Elevation: 848 Num of SWL Measurements: 1 SW Measured: 19960522 Avg Depth to Water: 70

Avg SW Elevation: 950

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000580225 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000580225

AM131 wsw 1/2 - 1 Mile Lower

MN WELLS MN8000000209350

WELLS:

Well ID: 520327 Well Number: 0000520327

O'DONNELL, JAMES Original Owner:

Well Elevation (ft): 999 Well Status: Active Well Use: Domestic Drill Depth (ft): 90 88

Completion Depth (ft): Date Completed: 19930409

Casing Diameter (inches): Casing Depth (ft): 80

Grouted: Well known to be not grouted

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Depth to Bedrock: Type of Contamination: Not Reported

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 919 Open Hole Bottom Elevation: 911 Num of SWL Measurements: Bottom Hole Elevation: 909 SW Measured: 19930409 Avg Depth to Water: 46

Avg SW Elevation: 953

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000520327 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000520327

Map ID Direction Distance

EDR ID Number Elevation Database AN132 **MN WELLS** MN8000000213412

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000492380 Well ID: 492380 Original Owner: **MCGRATH** Well Elevation (ft): 1002 Well Status: Domestic Active Well Use: Drill Depth (ft): 140 Completion Depth (ft): 139

Date Completed: 19910624

Casing Diameter (inches): Casing Depth (ft): 135 4

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand +larger-brown

Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Geochem Info Exists: Not Reported Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 867 Open Hole Bottom Elevation: 863 Bottom Hole Elevation: Num of SWL Measurements: 862 SW Measured: 19910624 Avg Depth to Water: 51

Avg SW Elevation: 951

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000492380 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000492380

WSW

1/2 - 1 Mile Lower

MN WELLS MN8000000213404

WELLS:

Well Number: 0000625392 Well ID: 625392 Well Elevation (ft): Original Owner: ROBERTS, JAMES 994 Well Status: Active Well Use: Domestic Completion Depth (ft): 100

Drill Depth (ft): Date Completed: 19990224

Casing Diameter (inches): Casing Depth (ft): 92

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: boulder or boulders-gray

Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Υ Bedrock Elevation: Λ Open Hole Top Elevation: 902 Open Hole Bottom Elevation: 898 Bottom Hole Elevation: 894 Num of SWL Measurements: 1 SW Measured: 19990224 Avg Depth to Water: 46

Avg SW Elevation: 948

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000625392

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000625392

AO134 NW **FED USGS** USGS40000547870

1/2 - 1 Mile Higher

> Organization ID: **USGS-MN** Organization Name: **USGS Minnesota Water Science Center**

35N30W19CCC 01 Monitor Location: Type: Well HUC: 07010203 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Not Reported Construction Date: Aquifer Type: 19920730 Not Reported Well Depth Units: Well Depth: 68 ft

Well Hole Depth: 68 Well Hole Depth Units: ft

AP135 NW **MN WELLS** MN8000000213453 1/2 - 1 Mile Higher

WELLS:

0000600481 Well ID: 600481 Well Number: Original Owner: STRUZYK, JEANNE Well Elevation (ft): 1019 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 138 138

Date Completed: 19971021

Casing Diameter (inches): Casing Depth (ft): 134

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Ν

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 126 First Stratigraphic Unit: Cretaceous regolith

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Geochem Info Exists: Not Reported Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 893 Open Hole Top Elevation: 885 Open Hole Bottom Elevation: 881 Bottom Hole Elevation: 881 Num of SWL Measurements: SW Measured: 19971021 70 Avg Depth to Water:

Avg SW Elevation: 949

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000600481 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000600481

136 **MN WELLS** MN8000000209821

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000457839 Well ID: 457839

Original Owner: HURRLE, LARRY #2

Well Elevation (ft): Well Status: Active 1008 Well Use: Irrigation Drill Depth (ft): 38

Completion Depth (ft): 38 19810316 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 23 16 Well known to be not grouted

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-gray

Top Open Strat Unit: gravel (+larger)-gray

Bottom Open Strat Unit: sand-gray Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 985 Open Hole Bottom Elevation: 970 Bottom Hole Elevation: 970 Num of SWL Measurements: SW Measured: 19810316 7 Avg Depth to Water:

Avg SW Elevation: 1001

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000457839 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000457839

AM137 West 1/2 - 1 Mile MN8000000213410 **MN WELLS**

Lower

WELLS:

Well Number: 0000496581 Well ID: 496581 Original Owner: **FISCHBACH** Well Elevation (ft): 1001 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 156 150

Date Completed: 19910923

Casing Diameter (inches): Casing Depth (ft): 146

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 156

First Stratigraphic Unit: E.Prot. granite pluton Last Stratigraphic Unit: E.Prot. granite pluton Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 845 Open Hole Top Elevation: 855 Open Hole Bottom Elevation: 851 Bottom Hole Elevation: 845 Num of SWL Measurements: 19910923 SW Measured: Avg Depth to Water: 47.5

Avg SW Elevation: 953.5

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000496581 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000496581

Map ID Direction Distance

Elevation Database EDR ID Number

SW 1/2 - 1 Mile

138

MN WELLS MN8000000209087

59

Lower

WELLS:

Well Number: 0000498806 Well ID: 498806 Original Owner: ZNIEWSKI, MIKE Well Elevation (ft): 991 Well Status: Well Use: Domestic Active Drill Depth (ft): 63 Completion Depth (ft): 63

Date Completed: 19920107

Casing Diameter (inches): 4
Grouted: Wel

Grouted: Well known to be not grouted

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Casing Depth (ft):

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:932Open Hole Bottom Elevation:928Bottom Hole Elevation:928Num of SWL Measurements:1SW Measured:19920107Avg Depth to Water:42

Avg SW Elevation: 949

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000498806
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000498806

AQ139 West 1/2 - 1 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N31W25DABA 01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported Not Reported

Aquifer:

Formation Type: Glacial Surficial Sand and/or Gravel

Not Reported

Aquifer Type: Unconfined single aquifer Construction Date: 19890508

Well Depth:183Well Depth Units:ftWell Hole Depth:183Well Hole Depth Units:ft

AR140
WNW MN WELLS MN800000069950
1/2 - 1 Mile

WELLS:

Lower

Well Number: 0000447721 Well ID: 447721 Original Owner: KOLKMAN, BOB Well Elevation (ft): 1004 Well Status: Well Use: Active Domestic Drill Depth (ft): 102 Completion Depth (ft): 102

FED USGS

USGS40000547645

Date Completed: 19880606

Casing Diameter (inches): Casing Depth (ft): 94

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 910 Open Hole Bottom Elevation: 902 Bottom Hole Elevation: 902 Num of SWL Measurements: 1 19880606 Avg Depth to Water: 57 SW Measured: Avg SW Elevation: 947

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000447721 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000447721

AN141 **MN WELLS** MN800000069883 West 1/2 - 1 Mile

WELLS:

Lower

0000456068 Well ID: 456068 Well Number: Original Owner: **GATES** Well Elevation (ft): 1007 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 183 183

Date Completed: 19890508

Casing Diameter (inches): Casing Depth (ft): 169

Grouted:

Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported 183

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: E.Prot. granite pluton Last Stratigraphic Unit: E.Prot. granite pluton Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Geochem Info Exists: Not Reported Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 824 Open Hole Top Elevation: 838 Open Hole Bottom Elevation: 824 Bottom Hole Elevation: 824 Num of SWL Measurements: SW Measured: 19890508 Avg Depth to Water: 53

Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000456068 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000456068

AR142 **MN WELLS** MN8000000213420 1/2 - 1 Mile

WELLS:

Lower

0000507620 Well ID: Well Number: 507620 Original Owner: **BEZEK** Well Elevation (ft): 997

Well Status:ActiveWell Use:DomesticDrill Depth (ft):93Completion Depth (ft):93

Date Completed: 19891004

Casing Diameter (inches): 4 Casing Depth (ft): 85

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay+sand-red
Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not ReportedStatic Water Level Reading:YBedrock Elevation:0

Open Hole Top Elevation: 912 Open Hole Bottom Elevation: 904
Bottom Hole Elevation: 904 Num of SWL Measurements: 1
SW Measured: 19891004 Avg Depth to Water: 47
Avg SW Elevation: 950

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000507620
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000507620

AR143

WNW 1/2 - 1 Mile Lower

Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

35N31W25ADBDAD01 Monitor Location: Type: Well HUC: Description: Not Reported 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type:Unconfined single aquiferConstruction Date:19870430Well Depth:95Well Depth Units:ftWell Hole Depth:95Well Hole Depth Units:ft

AS144
ESE FED USGS USGS40000547311
1/2 - 1 Mile

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W29CDB 01 Type: Well Not Reported HUC: 07010203 Description: Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Not Reported Construction Date: Aquifer Type: Not Reported 19810319

Well Depth:70Well Depth Units:ftWell Hole Depth:70Well Hole Depth Units:ft

FED USGS

USGS40000547696

Map ID Direction Distance

EDR ID Number Elevation Database

AT145 WNW 1/2 - 1 Mile

FED USGS USGS40000547728

Lower

Organization ID: **USGS-MN** Organization Name: **USGS Minnesota Water Science Center**

Monitor Location: 35N31W25AADCCD01 Type: Well HUC: 07010203 Description: Not Reported Not Reported Drainage Area: Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported Formation Type: Glacial Buried Sand and/or Gravel

Aquifer Type: Confined single aquifer Construction Date: 19880606 Well Depth: Well Depth Units: ft 102 Well Hole Depth: Well Hole Depth Units: 102 ft

AR146 WNW 1/2 - 1 Mile Lower

MN WELLS MN8000000213419

Cretaceous undiff.

WELLS:

0000507619 507619 Well Number: Well ID: Original Owner: Well Elevation (ft): **BEGEK** 997 Well Status: Active Well Use: Domestic Drill Depth (ft): 148 Completion Depth (ft): 148

Date Completed: 19891006

Casing Diameter (inches): 4 Casing Depth (ft): 139

Grouted:

Well grouted, type unknown

80

Dist from Potential Contamination: 200

NW Direction to Potential Contamination: Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

First Stratigraphic Unit:

Static Water Level Reading: Bedrock Elevation: 917 Open Hole Top Elevation: 858 Open Hole Bottom Elevation: 849 Bottom Hole Elevation: 849 Num of SWL Measurements: SW Measured: 19891006 Avg Depth to Water: 48

Avg SW Elevation: 949

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000507619 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000507619

AU147 NW 1/2 - 1 Mile

MN WELLS MN8000000209826

WELLS:

Higher

560074 Well Number: 0000560074 Well ID: Original Owner: ANDERSON, DEAN Well Elevation (ft): 1021 Well Status: Sealed Well Use: Domestic

Drill Depth (ft): 193 Completion Depth (ft): 193

Date Completed: 19950515

Casing Diameter (inches): Casing Depth (ft): 191

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 966 Open Hole Top Elevation: 830 Open Hole Bottom Elevation: 828 Bottom Hole Elevation: 828 Num of SWL Measurements: SW Measured: 19950515 Avg Depth to Water: 71 Avg SW Elevation: 950

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000560074

Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000560074

148 **MN WELLS** MN8000000078695 West 1/2 - 1 Mile

Lower WELLS:

> Well Number: 0000400486 Well ID: 400486 Original Owner: BERGEN, JIM Well Elevation (ft): 1012 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 188 188

Date Completed: 19861103

Casing Diameter (inches): Casing Depth (ft): 188

Grouted:

Well known to be not grouted Dist from Potential Contamination: 75 Direction to Potential Contamination: SW

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported

Last Stratigraphic Unit: gravel (+larger) Top Open Strat Unit: gravel (+larger) Bottom Open Strat Unit: gravel (+larger)

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 824 Open Hole Bottom Elevation: 824 Bottom Hole Elevation: 824 Num of SWL Measurements: 19861103 70 SW Measured: Avg Depth to Water:

Avg SW Elevation: 942

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000400486 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000400486

Map ID Direction Distance

Elevation Database EDR ID Number

AR149 WNW 1/2 - 1 Mile

FED USGS USGS40000547720

MN8000000213456

USGS40000547666

MN WELLS

1/2 - 1 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N31W25ADBADA01 Type: Well HUC: 07010203 Description: Not Reported Not Reported Drainage Area: Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type:Unconfined single aquiferConstruction Date:19881007Well Depth:104Well Depth Units:ftWell Hole Depth:104Well Hole Depth Units:ft

AP150 NW 1/2 - 1 Mile Higher

WELLS:

0000600455 Well ID: 600455 Well Number: Original Owner: BASTIEN, TODD Well Elevation (ft): 1018 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 165 165

Date Completed: 19970709

Casing Diameter (inches): 4 Casing Depth (ft): 158

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 100 Direction to Potential Contamination: SE

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 121 First Stratigraphic Unit: Cretaceous regolith

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:897Open Hole Top Elevation:860Open Hole Bottom Elevation:853Bottom Hole Elevation:853Num of SWL Measurements:1SW Measured:19970709Avg Depth to Water:78

Avg SW Elevation: 940

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000600455
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000600455

AQ151 West 1/2 - 1 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location:35N31W25ADCDBD01Type:WellDescription:Not ReportedHUC:07010203Drainage Area:Not ReportedDrainage Area Units:Not Reported

TC07991556.2r Page A-89

FED USGS

Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type: Construction Date: 19861103 Unconfined single aquifer Well Depth: 188 Well Depth Units: ft Well Hole Depth: 188 Well Hole Depth Units: ft

AQ152

West 1/2 - 1 Mile Lower

> **USGS-MN** USGS Minnesota Water Science Center Organization ID: Organization Name:

Monitor Location: 35N31W25ADCACC01 Type: Well 07010203 Description: Not Reported HUC: Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type: Unconfined single aquifer Construction Date: 19811104 Well Depth: 91 Well Depth Units: ft Well Hole Depth: Well Hole Depth Units: 91 ft

AQ153 West 1/2 - 1 Mile

Lower

WELLS:

Well Number: 0000425377 Well ID: 425377 Original Owner: ALSAKER, JOEL Well Elevation (ft): 1015 Well Status: Active Well Use: Domestic

Drill Depth (ft): 95 Completion Depth (ft): 95 Date Completed: 19870430

Casing Diameter (inches): Casing Depth (ft): 95

Grouted: Well known to be not grouted

Dist from Potential Contamination: Direction to Potential Contamination: 200 Ν

Septic Tank/Drain Fail Type of Contamination:

Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: gravel (+larger)

Top Open Strat Unit: gravel (+larger) Bottom Open Strat Unit: gravel (+larger)

Quat. Water Table Aquifer Aquifer:

Core Sample Taken: Well Cuttings: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported Not Reported Water Chemistry Info Exists: Observation Well:

Static Water Level Reading: Υ Bedrock Elevation: n Open Hole Top Elevation: 920 Open Hole Bottom Elevation: 920 Bottom Hole Elevation: 920 Num of SWL Measurements: 1 SW Measured: 19870430 Avg Depth to Water: 60

Avg SW Elevation: 955

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000425377 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000425377

FED USGS

MN WELLS

USGS40000547678

MN800000020049

Map ID Direction Distance

EDR ID Number Elevation Database

AQ154 West 1/2 - 1 Mile

MN WELLS MN8000000191473

WELLS:

Lower

Well Number: 0000453343 Well ID: 453343 Original Owner: **OLINK** Well Elevation (ft): 1023 Well Status: Active Domestic Well Use: Drill Depth (ft): 104 Completion Depth (ft): 104

Date Completed: 19881007

Casing Diameter (inches): 4 Well grouted, type unknown Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Depth to Bedrock: Not Reported 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand +larger-brown

Casing Depth (ft):

95

Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown

Aquifer: Quat. Water Table Aquifer

Not Reported Well Cuttings: Not Reported Core Sample Taken: Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 928 Open Hole Bottom Elevation: 919 Bottom Hole Elevation: 919 Num of SWL Measurements: SW Measured: 19881007 Avg Depth to Water: 70

Avg SW Elevation: 953

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000453343 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000453343

AS155 1/2 - 1 Mile Lower

> Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

Monitor Location: 123N27W 5DCA 01 Type: Well HUC: 07010203 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area Unts: Contrib Drainage Area: Not Reported Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported Construction Date: 19920505

Well Depth: 70 Well Depth Units: ft Well Hole Depth: 70 Well Hole Depth Units: ft

AO156 NW **FED USGS** USGS40000547887 1/2 - 1 Mile

Higher

Organization Name: Organization ID: **USGS-MN USGS Minnesota Water Science Center**

Monitor Location: 35N30W19CCBCCD01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported Not Reported Aquifer: Not Reported Formation Type: Cretaceous System

FED USGS

USGS40000547282

19880518 Aquifer Type: Not Reported Construction Date:

Well Depth: 181 Well Depth Units: ft Well Hole Depth: 181 Well Hole Depth Units: ft

AT157 **MN WELLS** MN8000000209785 WNW

1/2 - 1 Mile Lower

WELLS:

519342 Well Number: 0000519342 Well ID: Well Elevation (ft): WILLIAMS, DAN Original Owner: 996 Well Status: Active Well Use: Domestic Drill Depth (ft): 159 Completion Depth (ft): 156

Date Completed: 19921030

Casing Diameter (inches): Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Casing Depth (ft):

148

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported Water Chemistry Info Exists: Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 930 Open Hole Top Elevation: 848 Open Hole Bottom Elevation: 840 837 Bottom Hole Elevation: Num of SWL Measurements: 1 19931030 SW Measured: Avg Depth to Water: 52

Avg SW Elevation: 944

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000519342 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000519342

AV158 WNW MN WELLS MN800000058968 1/2 - 1 Mile

WELLS:

Lower

Well Number: 0000411572 Well ID: 411572 Well Elevation (ft): Original Owner: ANDERSON, BOB 999 Well Status: Active Well Use: Domestic Drill Depth (ft): 67 Completion Depth (ft):

19840921 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 60

Grouted: Well known to be not grouted

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Quat. buried artes. aquifer Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Observation Well: Not Reported Not Reported

Static Water Level Reading: Bedrock Elevation: O

Open Hole Top Elevation: 932 939 Open Hole Bottom Elevation: Bottom Hole Elevation: 932 Num of SWL Measurements: 1 SW Measured: 19840921 Avg Depth to Water: 35

Avg SW Elevation: 964

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000411572 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000411572

159 MN WELLS MN8000000209037 SSW

1/2 - 1 Mile Lower

WELLS:

528482 Well Number: 0000528482 Well ID: Original Owner: WILSON, MARK Well Elevation (ft): 1002 Well Status: Active Well Use: Domestic Drill Depth (ft): 87 Completion Depth (ft): 87

Date Completed: 19931004

Casing Diameter (inches): Casing Depth (ft): 67

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported Water Chemistry Info Exists: Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 935 Open Hole Bottom Elevation: 915 Bottom Hole Elevation: 915 Num of SWL Measurements: 1 19931005 SW Measured: Avg Depth to Water: 56

Avg SW Elevation: 946

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000528482 https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000528482 Strat URL:

AO160 MN WELLS MN800000096683 1/2 - 1 Mile

Higher WELLS:

Well Number: 0000447697 Well ID: 447697 Well Elevation (ft): Original Owner: KUROWSKI, TERRY 1023 Well Status: Active Well Use: Domestic Drill Depth (ft): 181 Completion Depth (ft): 180

19880518 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 176

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith

Aquifer: Cretaceous regolith

Well Cuttings: Core Sample Taken: Not Reported Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported

Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading:YBedrock Elevation:932Open Hole Top Elevation:847Open Hole Bottom Elevation:843Bottom Hole Elevation:842Num of SWL Measurements:1SW Measured:19880518Avg Depth to Water:65

Avg SW Elevation: 958

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000447697
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000447697

AQ161
West MN WELLS MN800000101724
1/2 - 1 Mile

Lower

WELLS:

Well Number: 0000176674 Well ID: 176674

Original Owner: SCHNETTLER BLDRS

Well Elevation (ft):1014Well Status:ActiveWell Use:DomesticDrill Depth (ft):91

Completion Depth (ft): 91
Date Completed: 19811104

Casing Diameter (inches): 4 Casing Depth (ft): 87

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 75 Direction to Potential Contamination: Not Reported

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported

Last Stratigraphic Unit: sand +larger-brown
Top Open Strat Unit: sand +larger-brown
Bottom Open Strat Unit: sand +larger-brown
Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:927Open Hole Bottom Elevation:923Bottom Hole Elevation:923Num of SWL Measurements:1SW Measured:19811104Avg Depth to Water:67Avg SW Elevation:947

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000176674
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000176674

AV162
WNW
FED USGS USGS40000547781
1/2 - 1 Mile
Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N31W25AAAACC01 Type: Well 07010203 Description: Not Reported HUC: Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area Unts: Contrib Drainage Area: Not Reported Not Reported

Aquifer: Not Reported Formation Type: Glacial Buried Sand and/or Gravel

Aquifer Type: Confined single aquifer Construction Date: 19840921

Well Depth:67Well Depth Units:ftWell Hole Depth:67Well Hole Depth Units:ft

Map ID Direction Distance

EDR ID Number Elevation Database

Casing Depth (ft):

First Stratigraphic Unit:

Direction to Potential Contamination:

AT163 WNW

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000411558 Well ID: 411558 JUIP Original Owner: Well Elevation (ft): 993 Well Status: Active Well Use: Domestic Completion Depth (ft): 69

Drill Depth (ft): 69 Date Completed: 19841104 Casing Diameter (inches): 4

Grouted: Well known to be not grouted

Dist from Potential Contamination:

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock:

Last Stratigraphic Unit: sand +larger-brown Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown

Aquifer: Quat. buried unconf. aquif.

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 928 Open Hole Bottom Elevation: 924 Bottom Hole Elevation: 924 Num of SWL Measurements: SW Measured: 19841104 Avg Depth to Water: 50

Avg SW Elevation: 943

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000411558 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000411558

AW164 North 1/2 - 1 Mile Lower

> Organization ID: **USGS-MN** Organization Name: **USGS Minnesota Water Science Center**

35N30W19DBBBDD01 Monitor Location: Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported Formation Type: Glacial Buried Sand and/or Gravel

Aquifer Type: Confined single aquifer Construction Date: 19870209

Well Depth: Well Depth Units: 80 ft Well Hole Depth: 80 Well Hole Depth Units: ft

AV165 WNW 1/2 - 1 Mile Lower

MN WELLS MN800000107521

WELLS:

402079 Well Number: 0000402079 Well ID: Original Owner: KREAMER, DAVE Well Elevation (ft): 990 Well Status: Active Well Use: Domestic

FED USGS

MN WELLS

MN8000000213422

65

S

Not Reported

USGS40000548098

Drill Depth (ft): 56 Completion Depth (ft): 56

Date Completed: 19831202

Casing Diameter (inches): 4 Casing Depth (ft): 52

Grouted: Well known to be not grouted

Dist from Potential Contamination: 300 Direction to Potential Contamination: E

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: sand-brown Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 938 Open Hole Bottom Elevation: 934 Bottom Hole Elevation: 934 Num of SWL Measurements: 1 SW Measured: 19831202 Avg Depth to Water: 38 Avg SW Elevation: 952

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000402079
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000402079

AW166
North
MN WELLS
MN800000010998
1/2 - 1 Mile

WELLS:

Lower

 Well Number:
 0000426675
 Well ID:
 426675

 Original Owner:
 FRITZ, BRUCE
 Well Elevation (ft):
 1020

 Well Status:
 Active
 Well Use:
 Domestic

Drill Depth (ft): 80 Completion Depth (ft): 80

Date Completed: 19870209

Casing Diameter (inches): 4 Casing Depth (ft): 73

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 65 Direction to Potential Contamination: S

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: 1 Top Open Strat Unit: 1 Sand-brown Sand-brown

Bottom Open Strat Unit: sand-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:YObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:947Open Hole Bottom Elevation:940Bottom Hole Elevation:940Num of SWL Measurements:1SW Measured:19870209Avg Depth to Water:19

Avg SW Elevation: 1001

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000426675
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000426675

Higher
WELLS:

 Well Number:
 0000474393
 Well ID:
 474393

 Original Owner:
 DINGMAN, JOHN
 Well Elevation (ft):
 1022

TC07991556.2r Page A-96

Well Status: Active Well Use: Domestic Drill Depth (ft): 178 Completion Depth (ft): 178

Date Completed: 19910218

Casing Depth (ft): Casing Diameter (inches): 4 100 Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination:

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 52 First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 970 Υ Open Hole Top Elevation: 922 Open Hole Bottom Elevation: 844 Bottom Hole Elevation: 844 Num of SWL Measurements: SW Measured: 19910218 Avg Depth to Water: 77 Avg SW Elevation: 945

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000474393 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000474393

AV168

WNW **FED USGS** USGS40000547821 1/2 - 1 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N31W25AAABBB01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area Units: Not Reported Drainage Area: Not Reported Not Reported Contrib Drainage Area Unts: Contrib Drainage Area: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

19831202 Aquifer Type: Unconfined single aquifer Construction Date: Well Depth: 56 Well Depth Units: ft Well Hole Depth: 56 Well Hole Depth Units: ft

AU169 MN WELLS MN8000000213455 NW 1/2 - 1 Mile

WELLS:

Higher

Well Number: 0000544819 Well ID: 544819

HEMINGER, LEROY & LISA Original Owner:

Well Elevation (ft): 1018 Well Status: Active Well Use: Domestic Drill Depth (ft): 171

Completion Depth (ft): 171 Date Completed: 19940421

Casing Diameter (inches): Casing Depth (ft): 163

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Cretaceous undiff. Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith NE

Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Observation Well: Water Chemistry Info Exists: Not Reported Not Reported

Static Water Level Reading: Bedrock Elevation: 968 Open Hole Top Elevation: 855 Open Hole Bottom Elevation: 847 Bottom Hole Elevation: 847 Num of SWL Measurements: 19940421 SW Measured: Avg Depth to Water: 73

Avg SW Elevation: 945

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000544819 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000544819

170 **MN WELLS** MN8000000209825 1/2 - 1 Mile

Lower

WELLS:

Well Number: 0000457841 Well ID: 457841

Original Owner: HURRLE, LARRY #3

Well Elevation (ft): 1011 Well Status: Active Well Use: Drill Depth (ft): Domestic 35

Completion Depth (ft): 35 Date Completed: 19810320

Casing Depth (ft): Casing Diameter (inches): 16 19 Well known to be not grouted

Grouted:

Direction to Potential Contamination: Dist from Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: gravel (+larger)-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: gravel (+larger)-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: n Open Hole Top Elevation: 992 Open Hole Bottom Elevation: 976 Bottom Hole Elevation: 976 Num of SWL Measurements: 1 SW Measured: 19810320 Avg Depth to Water: 6 Avg SW Elevation: 1005

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000457841 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000457841

AW171

FED USGS USGS40000548121 North 1/2 - 1 Mile Higher

USGS Minnesota Water Science Center **USGS-MN** Organization ID: Organization Name:

Monitor Location: 35N30W19DBBBDB01 Type: Well 07010203 Description: Not Reported HUC: Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type: Unconfined single aquifer Construction Date: 19861007 Well Depth: 52 Well Depth Units: ft Well Hole Depth: 52 Well Hole Depth Units: ft

Map ID Direction Distance

Elevation Database EDR ID Number

AW172 North 1/2 - 1 Mile Higher

MN WELLS MN800000014000

WELLS:

 Well Number:
 0000426657
 Well ID:
 426657

 Original Owner:
 FRITZ, BRUCE
 Well Elevation (ft):
 1020

 Well Status:
 Active
 Well Use:
 Domestic

 Drill Depth (ft):
 52
 Completion Depth (ft):
 46

Drill Depth (ft): 52 Completion Depth (ft): Date Completed: 19861007

Casing Diameter (inches): 4 Casing Depth (ft): 36

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 100 Direction to Potential Contamination: S

Type of Contamination: Septic Tank/Drain Fail
Depth to Bedrock: 0 First Stratigraphic Unit:

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported
Last Stratigraphic Unit: Clay+sand-gray Top Open Strat Unit: sand-gray

Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:984Open Hole Bottom Elevation:974Bottom Hole Elevation:968Num of SWL Measurements:1SW Measured:19861008Avg Depth to Water:18

Avg SW Elevation: 1002

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000426657
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000426657

AX173 WNW 1/2 - 1 Mile Lower

MN WELLS MN800000094348

WELLS:

440988 Well Number: 0000440988 Well ID: Original Owner: BERGREN, GARY Well Elevation (ft): 1020 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 170 170

Date Completed: 19860709

Casing Diameter (inches): 4 Casing Depth (ft): 166

Grouted: Well known to be not grouted

Dist from Potential Contamination: 100 Direction to Potential Contamination: S

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 150 First Stratigraphic Unit: Cretaceous regolith

Last Stratigraphic Unit:
Top Open Strat Unit:
Bottom Open Strat Unit:
Cretaceous regolith
Cretaceous regolith
Cretaceous regolith
Cretaceous regolith
Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:870Open Hole Top Elevation:854Open Hole Bottom Elevation:850Bottom Hole Elevation:850Num of SWL Measurements:1SW Measured:19860709Avg Depth to Water:65

Avg SW Elevation: 955

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000440988
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000440988

WNW FED USGS USGS40000547888

1/2 - 1 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N31W24DDDBAA01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported Construction Date: 19860709

Well Depth: 170 Well Depth Units: ft Well Hole Depth: 170 Well Hole Depth Units: ft

175 WNW MN WELLS MN800000209812

1/2 - 1 Mile Lower

WELLS:

547542 Well Number: 0000547542 Well ID: Original Owner: GRAND, DOUG Well Elevation (ft): 1004 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 136 152

Date Completed: 19940816

Casing Diameter (inches): 4 Casing Depth (ft): 128

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 58

First Stratigraphic Unit:

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous undiff.

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:946Open Hole Top Elevation:876Open Hole Bottom Elevation:868Bottom Hole Elevation:852Num of SWL Measurements:1SW Measured:19940816Avg Depth to Water:64

Avg SW Elevation: 940

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000547542
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000547542

176 North 1/2 - 1 Mile Higher

MN WELLS MN8000000210344

WELLS:

Well Number: Well ID: 504656 0000504656 Original Owner: SWAN, JEFF Well Elevation (ft): 1022 Well Status: Active Well Use: Domestic Completion Depth (ft): Drill Depth (ft): 82 81

Date Completed: 19890714

Casing Diameter (inches): Casing Depth (ft): 77

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 81

First Stratigraphic Unit: Cretaceous regolith Last Stratigraphic Unit: Cretaceous regolith

Top Open Strat Unit: sand-gray Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 941 Open Hole Top Elevation: 941 945 Open Hole Bottom Elevation: Bottom Hole Elevation: 940 Num of SWL Measurements: 1 SW Measured: 19890714 Avg Depth to Water: 26

Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000504656 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000504656

AW177 North 1/2 - 1 Mile

Organization ID:

Higher

Organization Name:

Monitor Location: 35N30W19DBBBAC01 Type: Well 07010203 HUC: Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Not Reported Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported

Glacial Buried Sand and/or Gravel Aquifer: Not Reported Formation Type:

Aquifer Type: Construction Date: Confined single aquifer 19771006 Well Depth: Well Depth Units: 65 ft Well Hole Depth: 65 Well Hole Depth Units: ft

AW178

USGS-MN

North 1/2 - 1 Mile MN WELLS MN8000000043666

WELLS:

Higher

Well Number: 0000143876 Well ID: 143876 LEHMEIER, CATHY Well Elevation (ft): Original Owner: 1010 Well Status: Active Well Use: Domestic Drill Depth (ft): 65 Completion Depth (ft): 65

Date Completed: 19771006

Casing Diameter (inches): Casing Depth (ft): 58

Grouted: Well known to be not grouted

Dist from Potential Contamination: 75 Direction to Potential Contamination: W

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-gray Top Open Strat Unit: sand-gray

Bottom Open Strat Unit: sand-gray

Aquifer: Quat. buried artes. aquifer **FED USGS**

USGS40000548133

USGS Minnesota Water Science Center

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:952Open Hole Bottom Elevation:945Bottom Hole Elevation:945Num of SWL Measurements:1SW Measured:19771006Avg Depth to Water:25

Avg SW Elevation: 985

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000143876
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000143876

AY179
SW
MN WELLS
MN800000070465
1/2 - 1 Mile

Lower

WELLS:

Lower

Well Number: 0000160139 Well ID: 160139 Well Elevation (ft): Original Owner: Not Reported 972 Well Status: Active Well Use: Domestic Drill Depth (ft): 61 Completion Depth (ft): 61

Date Completed: 19781211

Casing Diameter (inches): 4 Casing Depth (ft): 58

Grouted: Well known to be not grouted

Dist from Potential Contamination: 100 Direction to Potential Contamination: E

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: sand-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 914 Open Hole Bottom Elevation: 911 Bottom Hole Elevation: 911 Num of SWL Measurements: 1 SW Measured: 19781211 Avg Depth to Water: 22 Avg SW Elevation:

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000160139
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000160139

AY180 SW FED USGS USGS40000547161 1/2 - 1 Mile

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

35N30W31BBABDC01 Monitor Location: Type: Well 07010203 Description: Not Reported HUC: Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area Unts: Contrib Drainage Area: Not Reported Not Reported

Aquifer: Not Reported Formation Type: Glacial Buried Sand and/or Gravel

Aquifer Type:Confined single aquiferConstruction Date:19781211Well Depth:61Well Depth Units:ftWell Hole Depth Units:ft

Map ID Direction Distance

Elevation Database EDR ID Number

AZ181 WNW 1/2 - 1 Mile Lower

FED USGS USGS40000547815

Organization ID: **USGS-MN** Organization Name: **USGS Minnesota Water Science Center** Monitor Location: 35N21W25AABBBD01 Type: Well HUC: 07010203 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Cretaceous System

Aquifer Type:Not ReportedConstruction Date:19870422Well Depth:123Well Depth Units:ftWell Hole Depth:123Well Hole Depth Units:ft

182 SSW FED USGS USGS40000547134 1/2 - 1 Mile

Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 123N27W 7ABB 01 Type: Well HUC: 07010203 Description: Not Reported Not Reported Drainage Area Units: Not Reported Drainage Area: Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported Construction Date: 19901119 Well Depth: 95 Well Depth Units: ft 95 ft Well Hole Depth: Well Hole Depth Units:

BA183 NW MN WELLS MN800000209847

1/2 - 1 Mile Higher

WELLS:

Well Number: 0000425999 Well ID: 425999 Original Owner: WALLAKER, TOM Well Elevation (ft): 1020 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 178 177

Date Completed: 19861014

Casing Diameter (inches): 4 Casing Depth (ft): 173

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 52

First Stratigraphic Unit:

Last Stratigraphic Unit:

Top Open Strat Unit:

Bottom Open Strat Unit:

Aquifer:

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading: Y Bedrock Elevation: 968
Open Hole Top Elevation: 847 Open Hole Bottom Elevation: 843

Bottom Hole Elevation: 842 Num of SWL Measurements: 1 SW Measured: 19861014 Avg Depth to Water: 60

Avg SW Elevation: 960

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000425999 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000425999

BB184 MN WELLS MN8000000125614 SSW

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000153994 Well ID: 153994 Well Elevation (ft): Original Owner: SCHREDER, DAVE 978 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 51 51

Date Completed: 19780708

Casing Diameter (inches): Casing Depth (ft): 51

Grouted:

Well known to be not grouted Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock:

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Υ Bedrock Elevation: Open Hole Top Elevation: 927 Open Hole Bottom Elevation: 927 Bottom Hole Elevation: 927 Num of SWL Measurements: 19780708 30 SW Measured: Avg Depth to Water:

Avg SW Elevation: 948

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000153994 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000153994

AZ185 **MN WELLS** MN8000000113368 WNW

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000430718 Well ID: 430718 Original Owner: FENLASON, RICK Well Elevation (ft): 985 Well Status: Sealed Well Use: Domestic Drill Depth (ft): 123 Completion Depth (ft): 123

Date Completed: 19870422

Casing Depth (ft): Casing Diameter (inches): 4 119

Well grouted, type unknown

Grouted:

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Depth to Bedrock: Type of Contamination: Not Reported

First Stratigraphic Unit: Cretaceous regolith Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith

Aquifer: Cretaceous regolith Well Cuttings: Not Reported

Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Observation Well: Not Reported

887 Static Water Level Reading: Υ Bedrock Elevation: Open Hole Top Elevation: 866 Open Hole Bottom Elevation: 862 Bottom Hole Elevation: 862 Num of SWL Measurements: 1 SW Measured: 19870422 Avg Depth to Water: 42

Avg SW Elevation: 943

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000430718 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000430718

AZ186 MN WELLS MN8000000213431 WNW 1/2 - 1 Mile

Lower

WELLS:

Well Number: 0000580202 Well ID: 580202 Well Elevation (ft): Original Owner: LARSEN, DARIUS 991 Active Well Status: Well Use: Domestic Drill Depth (ft): 122 Completion Depth (ft): 122

Date Completed: 19960425

Casing Diameter (inches): Casing Depth (ft): 118 Well grouted, type unknown

Grouted:

Direction to Potential Contamination: Dist from Potential Contamination: S

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Cretaceous undiff.

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported Water Chemistry Info Exists: Not Reported Observation Well:

Static Water Level Reading: Bedrock Elevation: 920 Υ Open Hole Top Elevation: 873 Open Hole Bottom Elevation: 869 Bottom Hole Elevation: 869 Num of SWL Measurements: 1 19960425 SW Measured: Avg Depth to Water: 50

Avg SW Elevation: 941

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000580202 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000580202

BB187 FED USGS USGS40000547092 SSW 1/2 - 1 Mile

Lower

USGS-MN USGS Minnesota Water Science Center Organization ID: Organization Name:

35N30W31BADCDC01 Monitor Location: Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Glacial Surficial Sand and/or Gravel Formation Type:

Aquifer Type: Unconfined single aquifer Construction Date: 19780708

Well Depth: 51 Well Depth Units: ft 51 Well Hole Depth: Well Hole Depth Units: ft

Map ID Direction Distance

EDR ID Number Elevation Database **BC188**

Casing Depth (ft):

Depth to Bedrock:

Last Stratigraphic Unit:

Direction to Potential Contamination:

South 1/2 - 1 Mile

Lower

WELLS:

Well Number: 0000135591 Well ID: 135591 Original Owner: GROHLER, RALPH Well Elevation (ft): 973 Well Status: Well Use: Domestic Active Drill Depth (ft): 66 Completion Depth (ft): 66

19780613 Date Completed: Casing Diameter (inches): 4

Grouted: Well known to be not grouted

Dist from Potential Contamination:

Type of Contamination: Not Reported

Not Reported First Stratigraphic Unit:

Top Open Strat Unit: gravel (+larger)-gray Bottom Open Strat Unit: gravel (+larger)-gray

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 907 Open Hole Bottom Elevation: 907 Bottom Hole Elevation: 907 Num of SWL Measurements: 1 SW Measured: 19780613 Avg Depth to Water: 29

Avg SW Elevation: 944

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000135591 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000135591

AX189

NW 1/2 - 1 Mile Lower

Lower

Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N31W24DDABBD01 Type: Well HUC: 07010203 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area Unts: Contrib Drainage Area: Not Reported Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported Construction Date: 19870312

Well Depth: Well Depth Units: ft 184 Well Hole Depth: 184 Well Hole Depth Units: ft

BC190 South 1/2 - 1 Mile **FED USGS** USGS40000547083

USGS Minnesota Water Science Center Organization Name: Organization ID: **USGS-MN**

Monitor Location: 35N30W31BDAAAB01 Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported Not Reported

Aquifer: Not Reported **FED USGS**

MN WELLS

MN800000127775

66

Not Reported

gravel (+larger)-gray

USGS40000547913

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type: Unconfined single aquifer Construction Date: 19780613
Well Depth: 66 Well Depth Units: ft

Well Depth: 66 Well Depth Units: ft Well Hole Depth Units: ft

BC191 South FED USGS USGS40000547084

1/2 - 1 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W31ABCCCB02 Type: Well Description: HUC: 07010203 Not Reported Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type: Unconfined single aquifer Construction Date: 19800723 Well Depth: 58 Well Depth Units: ft

Well Hole Depth Units: ft

BC192

South 1/2 - 1 Mile Lower

WELLS:

Well Number: 0000178435 Well ID: 178435

Original Owner: SKILLINGSTAD, KEN

Well Elevation (ft):978Well Status:ActiveWell Use:DomesticDrill Depth (ft):58

Completion Depth (ft): 52

Date Completed: 19800723

Casing Diameter (inches): 4 Casing Depth (ft): 48

Grouted: Well known to be not grouted

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0
First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown
Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Υ Bedrock Elevation: 0 Open Hole Top Elevation: 930 Open Hole Bottom Elevation: 926 920 Bottom Hole Elevation: Num of SWL Measurements: 1 19800723 SW Measured: Avg Depth to Water: 28

Avg SW Elevation: 950

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000178435
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000178435

MN WELLS

MN800000021408

Map ID Direction Distance

Elevation Database EDR ID Number

193 ENE 1/2 - 1 Mile

FED USGS USGS40000547886

USGS40000547926

MN8000000213450

FED USGS

MN WELLS

1/2 - 1 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W20CDD 01 Type: Well HUC: 07010203 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported Construction Date: 19860710 Well Depth: Well Depth Units: 46 ft Well Hole Depth: 52 Well Hole Depth Units: ft

BA194 NW 1/2 - 1 Mile Higher

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N31W24DADCCA01 Type: Well HUC: 07010203 Description: Not Reported Not Reported Drainage Area Units: Not Reported Drainage Area: Not Reported Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Not Reported Aquifer Type: Not Reported Construction Date: 19871119 Well Depth: 172 Well Depth Units: ft ft Well Hole Depth: 172 Well Hole Depth Units:

BD195 NW 1/2 - 1 Mile

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000455980 Well ID: 455980 Original Owner: DREIS, RANDY Well Elevation (ft): 1012 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 160 160

Date Completed: 19881125

Casing Diameter (inches): 4 Casing Depth (ft): 152

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Depth to Bedrock:

Type of Contamination:

First Stratigraphic Unit:

Last Stratigraphic Unit:

Cretaceous undiff.

Cretaceous regolith

Top Open Strat Unit:

Cretaceous regolith

Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:944Open Hole Top Elevation:860Open Hole Bottom Elevation:852

68

Bottom Hole Elevation: 852 Num of SWL Measurements: 1 SW Measured: 19881125 Avg Depth to Water: 72

Avg SW Elevation: 940

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000455980 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000455980

BE196 MN8000000209539 **MN WELLS** SSW

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000731579 Well ID: 731579 Well Elevation (ft): Original Owner: BAHDE, JOHN 965 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 52 52

Date Completed: 20060406

Casing Diameter (inches): Casing Depth (ft): 48

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Ν

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 52 First Stratigraphic Unit: Reformatory Granite

Last Stratigraphic Unit: Reformatory Granite Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown Aquifer: Quat. buried unconf. aquif.

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 913 Open Hole Top Elevation: 917 Open Hole Bottom Elevation: 913 Bottom Hole Elevation: 913 Num of SWL Measurements: 1 SW Measured: 20060406 Avg Depth to Water: 25

Avg SW Elevation: 940

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000731579 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000731579

197 **FED USGS** USGS40000547063 South

1/2 - 1 Mile Lower

> Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

35N30W31ADB 01 Monitor Location: Type: Well Not Reported HUC: 07010203 Description: Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported Aquifer: Not Reported Formation Type: Not Reported Construction Date: Aquifer Type: Not Reported 19791205 Well Depth: 59 Well Depth Units: ft Well Hole Depth: 59 Well Hole Depth Units: ft

TC07991556.2r Page A-109

Map ID Direction Distance

EDR ID Number Elevation Database **BE198 MN WELLS** MN800000135732 SSW 1/2 - 1 Mile

Lower

WELLS:

Well Number: 0000659419 Well ID: 659419 Original Owner: HOBDAY, TOM Well Elevation (ft): 957 Well Status: Well Use: Domestic Active Drill Depth (ft): 70 Completion Depth (ft): 55 20010402 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 4

Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: W Type of Contamination: Body of Water Depth to Bedrock: 63

First Stratigraphic Unit: Cretaceous regolith Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 894 Open Hole Top Elevation: 906 Open Hole Bottom Elevation: 902 Num of SWL Measurements: Bottom Hole Elevation: 887 1 SW Measured: 20010402 Avg Depth to Water: 10

Avg SW Elevation: 947

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000659419 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000659419

BF199 **MN WELLS** MN8000000209535

SSW 1/2 - 1 Mile Lower

WELLS:

642075 Well Number: 0000642075 Well ID: Original Owner: DHEIN, MARK Well Elevation (ft): 970 Well Status: Well Use: Domestic Active

Drill Depth (ft): 68 Date Completed: 20000630

54 Casing Diameter (inches): Casing Depth (ft):

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Ν

Septic Tank/Drain Fail Type of Contamination:

Depth to Bedrock: n First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: clay-gray Top Open Strat Unit: sand-brown

Bottom Open Strat Unit: sand-brown Aquifer: Quat. Water Table Aquifer

Completion Depth (ft):

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported Not Reported Water Chemistry Info Exists: Observation Well:

Static Water Level Reading: Υ Bedrock Elevation: Open Hole Top Elevation: 916 Open Hole Bottom Elevation: 912 Bottom Hole Elevation: 902 Num of SWL Measurements: SW Measured: 20000630 Avg Depth to Water: 23

Avg SW Elevation: 947 51

58

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000642075
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000642075

BB200 SSW FED USGS USGS40000547071

1/2 - 1 Mile Lower

Organization ID: USGS-MN Organization Name: USGS Minnesota Water Science Center

35N30W31BDABCA01 Monitor Location: Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type:Unconfined single aquiferConstruction Date:19790530Well Depth:60Well Depth Units:ftWell Hole Depth:60Well Hole Depth Units:ft

BB201 SSW MN WELLS MN800000190119

1/2 - 1 Mile Lower

WELLS:

164232 Well Number: 0000164232 Well ID: Original Owner: LAKE, TOM Well Elevation (ft): 967 Well Status: Active Well Use: Domestic Drill Depth (ft): 60 Completion Depth (ft): 48

Date Completed: 19790530

Casing Diameter (inches): 4 Casing Depth (ft): 44

Grouted: Well known to be not grouted

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-gray
Top Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. Water Table Aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:923Open Hole Bottom Elevation:919Bottom Hole Elevation:907Num of SWL Measurements:1SW Measured:19790530Avg Depth to Water:18

Avg SW Elevation: 949

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000164232
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000164232

BB202 SSW MN WELLS MN800000083600

1/2 - 1 Mile Lower

WELLS:

 Well Number:
 0000118262
 Well ID:
 118262

 Original Owner:
 ZIMMER, AL
 Well Elevation (ft):
 967

Well Status: Active Well Use: Domestic Drill Depth (ft): 62 Completion Depth (ft): 62

Date Completed: 19760223

Casing Diameter (inches): Casing Depth (ft): 58 Well grouted, type unknown

Grouted:

Dist from Potential Contamination: Direction to Potential Contamination: SE 100

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: Top Open Strat Unit: sand +larger-brown clay

Bottom Open Strat Unit: sand +larger-brown Quat. Water Table Aquifer Aquifer:

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Observation Well: Water Chemistry Info Exists: Not Reported Not Reported

Static Water Level Reading: Bedrock Elevation: 0 Open Hole Top Elevation: 909 Open Hole Bottom Elevation: 905 Bottom Hole Elevation: 905 Num of SWL Measurements: SW Measured: 19760223 Avg Depth to Water: 25

Avg SW Elevation: 942

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000118262 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000118262

BB203 FED USGS USGS40000547072 SSW 1/2 - 1 Mile

Lower

Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

35N30W31BDBADA01 Monitor Location: Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Formation Type: Glacial Buried Sand and/or Gravel Aquifer: Not Reported 19760223

Aquifer Type: Confined single aquifer Construction Date: Well Depth: Well Depth Units: ft Well Hole Depth: 62 Well Hole Depth Units: ft

BE204 FED USGS USGS40000547093 SSW

1/2 - 1 Mile Lower

> Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

35N30W31BACCAD01 Monitor Location: Type: Well Description: Not Reported HUC: 07010203 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Glacial Surficial Sand and/or Gravel Formation Type:

Aquifer Type: Unconfined single aquifer Construction Date: 19870327 Well Depth: Well Depth Units:

ft Well Hole Depth: 67 Well Hole Depth Units: ft

Map ID Direction Distance

EDR ID Number Elevation Database

BE205 SSW 1/2 - 1 Mile

MN WELLS Lower

WELLS:

Well Number: 0000431024 Well ID: 431024 NAPPA, GEORGE Original Owner: Well Elevation (ft): 974 Well Status: Well Use: Domestic Active Completion Depth (ft): 67

Drill Depth (ft): 67 19870327 Date Completed:

Casing Diameter (inches): Casing Depth (ft): 4 Grouted: Well grouted, type unknown

Dist from Potential Contamination: Direction to Potential Contamination: Not Reported

Type of Contamination: Depth to Bedrock: Not Reported 0

Not Reported Last Stratigraphic Unit: First Stratigraphic Unit: sand +larger-brown

Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-brown Aquifer: Quat. Water Table Aquifer

Not Reported Well Cuttings: Not Reported Core Sample Taken: Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Not Reported

Water Chemistry Info Exists: Not Reported Observation Well: Static Water Level Reading: Bedrock Elevation: Open Hole Top Elevation: 911 Open Hole Bottom Elevation: 907 Bottom Hole Elevation: 907 Num of SWL Measurements: SW Measured: 19870327 Avg Depth to Water: 40

Avg SW Elevation: 934

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000431024 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000431024

BD206 1/2 - 1 Mile Lower

WELLS:

430684 Well Number: 0000430684 Well ID: Original Owner: SIGLER, E. Well Elevation (ft): 1022 Well Status: Active Well Use: Domestic Drill Depth (ft): Completion Depth (ft): 184 184

Date Completed: 19870312

Casing Diameter (inches): Casing Depth (ft): 179

Grouted:

Well grouted, type unknown Dist from Potential Contamination: Direction to Potential Contamination: Not Reported 60

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 129 First Stratigraphic Unit: Cretaceous regolith

Last Stratigraphic Unit: Cretaceous regolith Top Open Strat Unit: Cretaceous regolith Bottom Open Strat Unit: Cretaceous regolith Aquifer: Cretaceous regolith

Well Cuttings: Not Reported Core Sample Taken: Not Reported Not Reported Not Reported Geophys Log Exists: Geochem Info Exists: Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 893 Open Hole Top Elevation: 843 Open Hole Bottom Elevation: 838 Bottom Hole Elevation: Num of SWL Measurements: 838 1 SW Measured: 19870312 Avg Depth to Water: 40

MN WELLS

MN800000134645

MN8000000154630

63

Avg SW Elevation: 982

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000430684 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000430684

NNE **MN WELLS** MN8000000288718

1/2 - 1 Mile Higher

WELLS:

Lower

Well Number: 0000810716 Well ID: 810716 **CEASAR LARSON FARMS**

Original Owner: Well Status: Well Elevation (ft): 1020 Active 80

Well Use: Drill Depth (ft): Irrigation Completion Depth (ft): 77

20150608 Date Completed:

Casing Diameter (inches): 12 Casing Depth (ft): 62 Grouted: Well grouted, type unknown

Dist from Potential Contamination: 1600 Direction to Potential Contamination: W

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: weathering residuum unc.age First Stratigraphic Unit:

77

Last Stratigraphic Unit: weathering residuum unc.age

Top Open Strat Unit: sand +larger-brown Bottom Open Strat Unit: sand +larger-gray Aquifer: Quat. buried artes. aquifer

Well Cuttings: Not Reported Core Sample Taken: Not Reported Geophys Log Exists: Not Reported Geochem Info Exists: Not Reported Water Chemistry Info Exists: Not Reported Observation Well: Not Reported

Static Water Level Reading: Bedrock Elevation: 943 958 Open Hole Top Elevation: Open Hole Bottom Elevation: 943 Bottom Hole Elevation: 940 Num of SWL Measurements: 1 SW Measured: 20150608 Avg Depth to Water: 18

Avg SW Elevation: 1002

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000810716 Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000810716

BF208 FED USGS USGS40000547073 SSW 1/2 - 1 Mile

Organization ID: **USGS-MN** Organization Name: USGS Minnesota Water Science Center

Monitor Location: 35N30W31BACDDC01 Type: Well HUC: 07010203 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Not Reported

Formation Type: Glacial Surficial Sand and/or Gravel

Aquifer Type: Unconfined single aquifer Construction Date: 19840809

Well Depth: Well Depth Units: 52 ft Well Hole Depth: 52 Well Hole Depth Units: ft

Map ID Direction Distance

Elevation Database EDR ID Number

BF209 SSW 1/2 - 1 Mile Lower

MN WELLS MN800000155746

WELLS:

0000400398 400398 Well Number: Well ID: Original Owner: FEIA, JOHN Well Elevation (ft): 970 Well Status: Well Use: Domestic Active Drill Depth (ft): 52 Completion Depth (ft): 52 Date Completed: 19840809

Casing Diameter (inches): 4 Casing Depth (ft): 52

Grouted: Well known to be not grouted

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: gravel (+larger)

Top Open Strat Unit: gravel (+larger)
Bottom Open Strat Unit: gravel (+larger)

Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:918Open Hole Bottom Elevation:918Bottom Hole Elevation:918Num of SWL Measurements:1SW Measured:19840809Avg Depth to Water:21

Avg SW Elevation: 949

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000400398
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000400398

210 North 1/2 - 1 Mile Higher

MN WELLS MN800000006328

WELLS:

Well Number: 0000111733 Well ID: 111733

Original Owner: HURRLEY, LARRY #3

Well Flevation (ft): Well Status: Active Act

Well Elevation (ft):1022Well Status:ActiveWell Use:IrrigationDrill Depth (ft):54Completion Depth (ft):54

Date Completed: 19760422

Casing Diameter (inches): 12 Casing Depth (ft): 31

Grouted: Well grouted, type unknown

Dist from Potential Contamination: 0 Direction to Potential Contamination: Not Reported

Type of Contamination: Not Reported Depth to Bedrock: 0

First Stratigraphic Unit: Not Reported Last Stratigraphic Unit: sand-brown Top Open Strat Unit: bottom Open Strat Unit: sand-brown Bottom Open Strat Unit: sand-brown

Aquifer: Quat. buried artes. aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:991Open Hole Bottom Elevation:968Bottom Hole Elevation:968Num of SWL Measurements:1SW Measured:19760422Avg Depth to Water:16

Avg SW Elevation: 1006

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000111733
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000111733

211 South MN WELLS MN800000082318

1/2 - 1 Mile Lower

WELLS:

Well Number: 0000118044 Well ID: 118044 Original Owner: ROTHSTEIN, RAY Well Elevation (ft): 960 Well Status: Well Use: Domestic Active Drill Depth (ft): Completion Depth (ft): 58 58 Date Completed: 19760121

Casing Diameter (inches): 4 Casing Depth (ft): 38

Grouted: Well known to be not grouted

Dist from Potential Contamination: 80 Direction to Potential Contamination: SE

Type of Contamination: Septic Tank/Drain Fail

Depth to Bedrock: 0 First Stratigraphic Unit: Not Reported

Last Stratigraphic Unit: sand-gray Top Open Strat Unit: sand-gray

Bottom Open Strat Unit: sand-gray Aquifer: Quat. Water Table Aquifer

Well Cuttings:Not ReportedCore Sample Taken:Not ReportedGeophys Log Exists:Not ReportedGeochem Info Exists:Not ReportedWater Chemistry Info Exists:Not ReportedObservation Well:Not Reported

Static Water Level Reading:YBedrock Elevation:0Open Hole Top Elevation:922Open Hole Bottom Elevation:902Bottom Hole Elevation:902Num of SWL Measurements:1SW Measured:19760121Avg Depth to Water:21

Avg SW Elevation: 939

Log URL: https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000118044
Strat URL: https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000118044

AREA RADON INFORMATION

State Database: MN Radon

Radon Test Results

Zipcode	Num Tests	Minimum	Maximum	Average	# > 4 pCi/L	# < 4 pCi/L
56304	584	0.0	25.6	4.9	315	269

Federal EPA Radon Zone for SHERBURNE 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: 56304

Number of sites tested: 2

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

3.150 pCi/L Basement 50% 50%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Land Management Information Center

Telephone: 617-297-3281

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Minnesota Groundwater Database

Source: Minnesota Geological Survey County Water Well Index (CWI)

Telephone: 612-627-4780

OTHER STATE DATABASE INFORMATION

RADON

State Database: MN Radon Source: Department of Health Telephone: 651-215-0909 Radon Test 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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