



PHASE I ENVIRONMENTAL SITE ASSESSMENT

for

**TZ90169
Proposed Truck Station Site
7907 Thunderbird Trail East
Eveleth, Minnesota 55734
340-0010-03220**

BAY WEST PROJECT NO. J180892

April 22, 2019

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EXECUTIVE SUMMARY**Property Information:**

Eveleth Truck Site TZ90169
7907 Thunderbird Trail East
Eveleth, Fayal Township, Minnesota 55734
340-0010-03220

Property Access Contact:

Ms. Jackie Monahan-Junek
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Consultant Information:

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Telephone: 651-291-0456
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Reconnaissance Date: November 28, 2018
Property Assessor and Environmental Professional: Erik Nimlos, PG
Senior Reviewer: Donovan Hannu, PE

Client Information:

Ms. Alyssa Boock
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Bay West has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, American Society for Testing and Materials (ASTM) International Designation: E1527-13, for the Property located on United States Trunk Highway 53 (TH 53) on the southern end of St. Mary's Lake (Parcel Identification Number (PIN) 340-0010-03220) in Eveleth, St. Louis County, Minnesota (the Property). Any exceptions to, or deletions from, this practice are described in **Section 1.4** of this report.

The purpose of this Phase I ESA report is to inform Minnesota Department of Transportation (MnDOT) of the potential environmental liabilities associated with the Property, particularly in the context of buying the Property. This report does not and cannot guarantee that all environmental liabilities that exist at or near the Property are, or could be, identified. Rather, it evaluates existing, readily obtainable information to provide general information concerning environmental factors that relate to MnDOT's business interests.

The approximately 33.93-acre Property has operated as a gravel pit mine and is currently vacant and unoccupied, with a mixture of native vegetation (prairie grasses and trees) and bare gravel providing ground cover. The edges of the gravel pit excavation slope upwards from the center of the Property, which is accessed from its northwest corner by a driveway connected to TH 53. The Property and surrounding area slope gently to the northeast towards the closest surface water body, St. Mary's Lake.

Based on review of the aerial photographs and topographic maps, it appears that the Property previously operated as a gravel pit since at least the 1940s through the early 1970s, after which the Property appeared to gradually revegetate. The surrounding area was first developed with single-family residences and farmsteads to the east and south of the Property since at least 1940, later followed by several gravel pits and industrial businesses along TH 53 to the west of the Property.

This assessment did not reveal any recognized environmental conditions (RECs) or vapor encroachment conditions (VECs) in connection with the Property. Based on the results of this Phase I ESA, Bay West does not recommend further environmental evaluation of the Property at this time.

1.0 INTRODUCTION

On June 20, 2018, Bay West was authorized by Ms. Alyssa Boock of MnDOT to conduct a Phase I ESA of the property located at 7907 Thunderbird Trail East on TH 53 on the southern end of St. Mary's Lake (PIN 340-0010-03220) in Eveleth, St. Louis County, Minnesota, herein referred to as the Property (**Figure 1** and **Figure 2**).

1.1 Purpose

The purpose of this Phase I ESA was to evaluate the Property for indications of RECs in connection with the Property and to assist in satisfying All Appropriate Inquiries standards and practices. RECs are defined by American Society for Testing and Materials (ASTM) Standard Practice E1527-13 as "The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include *de minimis* conditions that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies" (Section 1.1.1; ASTM, 2013). A historical recognized environmental condition (HREC) is a past release of any hazardous substances or petroleum products that has occurred in connection with the subject property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the subject property to any required controls (Section 3.2.42; ASTM, 2013). A controlled recognized environmental condition (CREC) is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (Section 3.2.18; ASTM, 2013).

This Phase I ESA is intended to satisfy one of the requirements for the innocent landowner defense, the contiguous property exemption, and the bona fide prospective purchaser exemption to Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the subject property consistent with good customary practice," as defined in 42 U.S. Code Section 9601 (35)(B).

According to the User, the Phase I ESA is being conducted in association with the potential purchase of the Property.

1.2 Scope

This Phase I ESA was conducted in general accordance with the ASTM Standard Practice E1527-13, consistent with a level of care and skill ordinarily practiced by the environmental consulting professional(s) currently providing similar services under similar circumstances. Significant additions, deletions, or exceptions to ASTM Standard Practice E1527-13 are noted as follows or in the corresponding sections of this report. The scope of this Phase I ESA included an assessment of the following:

- Physical setting characteristics of the Property through a review of referenced sources such as topographic maps and geologic, soils, and hydrologic reports;

- Usage of the Property, adjoining properties, and surrounding area through a review of referenced historical sources such as fire insurance maps, city directories, aerial photographs, and interviews;
- Observations and interviews regarding current Property usage and conditions including the use, treatment, storage, disposal, or generation of hazardous substances, petroleum products, hazardous wastes, non-hazardous solid wastes, and wastewater;
- Observations and interviews regarding usage of adjoining and surrounding area properties and the likely impact of known or suspected releases of hazardous substances or petroleum products from those properties on the Property;
- Information in referenced environmental agency databases and local environmental records, within the specified approximate minimum search distance from the Property; and
- Preparation of a written report that includes findings, opinions, conclusions, and supporting documentation.

ASTM Standard Practice E1527-13 is not intended to provide a universal analysis of potential environmental risks and hazards. This assessment included no analysis of nonstandard-scope environmental risks and hazards unless otherwise listed previously. Analysis of other nonstandard-scope issues by Bay West would require additional contractual arrangements.

1.2.1 Site Ranking Methodology

This Phase I ESA has classified the Property and all adjoining parcels to the Property (sites) as having “high,” “medium,” “low”, or “*de minimis*” potential for contamination and documents how and why each site was given its ranking/classification. These rankings were based solely on the sites’ potential for contamination and not on the sites’ locations with respect to the proposed acquisition parcel or project construction limits. Site rankings were also adjusted based on evidence collected and professional judgment. Site ranking classification criteria are as follows:

- Sites with high potentials for contamination include all active and inactive VIC and MERLA/Superfund sites, all active and inactive dump sites, all active LUST sites, all dry cleaners (with on-site or unknown chemical processing), all bulk chemical/petroleum facilities, all active agricultural release sites, railroad facilities (fueling, yards or maintenance), clandestine chemical/drug laboratory, and all historic industrial sites with likely chemical use (printing, photography, blacksmithing, plating) on the premises.
- Sites with medium potential for contamination will include all closed LUST sites, all sites with USTs or ASTs, machine shops, all sites with historic vehicle repair activities, all bulk grain/feed storage, all historical lumber yards, all closed agricultural release sites, historic USTs in roadway, graveyards, and all sites with detections of non-petroleum chemicals.
- All sites with low potential for contamination will include hazardous waste generators, railroad lines, current lumber yards, golf courses, and possibly some farmsteads, residences, or commercial properties with poor housekeeping practices.

- Properties that do not qualify by definition as low, medium, or high ranked sites are to be considered unlikely for contamination (ranked “de minimis”).

Site ranking results are provided in **Section 9.3** of this report.

1.3 Significant Assumptions

Any assumptions in this report were not considered to have significant impact on the determination of RECs associated with the Property.

1.4 Data Gaps

No data gaps were identified during the Phase I ESA process with the exception of the following:

- Historical resources were not readily available for five-year-or-less intervals from the time of the first developed use of the Property. However, a substantial amount of historical resources was available and reviewed for the Property. Therefore, the presence of historical source time gaps does not impact Bay West’s ability to render an opinion regarding potential RECs, HRECs, or CRECs.
- Bay West was not provided Property chain-of-title information by the User. ASTM Standard Practice E1527-13 requires that the user review certain title records to identify whether any environmental liens or activity and use limitations (AULs) have been imposed on the site. The lack of title information is identified as data gap; however, this does not significantly impact Bay West’s ability to render an opinion regarding potential RECs, HRECs, or CRECs.

1.5 User Reliance

This Phase I ESA report was prepared for the sole use of MnDOT and its agents, representatives, successors, and assigns. No other party should rely on the information contained herein without prior written consent of Bay West and MnDOT. With the consent of MnDOT, Bay West is available to work with other parties in developing probability estimates, given other parties’ unique risk management concerns.

Reliance on this Phase I ESA report by parties other than MnDOT may result in reliance on assumptions whose extent and nature could distort the meaning and impact of the opinions given in this report. This distortion could result in misinterpretation of these opinions and unwise actions based on those misinterpretations. As such, no party except for MnDOT should rely on opinions for the potential of hazardous materials to exist at the Property. The guidelines used to define hazardous substances and petroleum products were obtained from the ASTM Standard Practice E1527-13. Any use by or distribution of this report to third parties without the express written consent of Bay West and MnDOT is at the sole risk and expense of such third parties.

1.6 User-Provided Information

The User, as defined by ASTM Standard Practice E1527-13, is the party seeking to use ASTM Standard Practice E1527-13 to complete an ESA and may include, without limitation, a potential purchaser, tenant, or owner of a property, a lender, or a property manager. The following information was provided by Mr. Andy Johnson, Assistant Maintenance Engineer of MnDOT’s

Virginia, Minnesota, office (representative for the User). Copies of user-provided information referenced in the following sections are included as **Appendix G**.

1.6.1 Title Records

A chain of title includes a sequence of historical transfers of title to the Property. A chain-of-title search was not conducted as part of the scope of services for this assessment.

1.6.2 Environmental Liens

An environmental lien is a charge, security, or encumbrance upon the title to the Property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of environmental issues at the Property. The User was not aware of any information regarding environmental liens associated with the Property.

1.6.3 Activity and Use Limitations

AULs include, but are not limited to, engineering controls, land-use restrictions, or institutional controls that are in place at the Property and/or have been filed or recorded in a registry under federal, tribal, state, or local law. The User did not list any AULs associated with the Property.

1.6.4 Specialized Knowledge

Specialized environmental knowledge includes any information and/or experience related to the Property or adjoining properties including, but not limited to, any obvious indicators that point to the presence or likely presence of environmental issues at the Property. The User did not have specialized knowledge of environmental conditions at the Property.

1.6.5 Significant Valuation Reduction for Environmental Issues

Valuation reduction for environmental issues includes the relationship of the purchase price to the fair market value of the Property. The information provided by the User identified no record or awareness of information that would indicate any reduction in purchase price or fair market value of the Property due to environmental issues.

1.6.6 Commonly Known or Reasonably Ascertainable Information

Commonly known or reasonable ascertainable information includes information about the Property that generally is known to the public within the community where the Property is located and can be easily sought and found from individuals familiar with the Property or from easily attainable public sources of information. Mr. Johnson stated that bullet casings have been found on the Property, with lead bullets likely located in the excavation pit banks. The total amount of bullet casings at the site is unknown, though their presence was not noted by city officials or during the site reconnaissance. Based on historical records and the site reconnaissance, the Property has never been used as firing range. Although spent lead bullets are considered to be a hazardous waste, based on the small quantity likely present at the Property, their presence is *de minimis* and not considered to represent a REC for the Property. No other information of environmental concern was noted by Mr. Johnson.

2.0 PROPERTY DESCRIPTION

2.1 Location and Parcel Description

The Property is located on TH 53 on the southern end of St. Mary's Lake (PIN 340-0010-03220) in Eveleth, St. Louis County, Minnesota (**Figures 1 and 2**). The Property is located within Fayal Township and its street address is 7907 Thunderbird Trail East. The center of the Property is located at latitude 47.418055° and longitude -92.519363°. The Property is located within the southeast quarter of the southeast quarter of Section 17, Township 57, Range 17 West.

2.2 Surrounding Area General Characteristics

The surrounding area primarily consists of a mix of commercial, industrial, and residential properties. Specific adjoining property uses are further discussed in **Section 2.6**. To the north and northeast are unplatted sections of forest-covered land, a golf course, and St. Mary's Lake. To the east and southeast are single-family residences and cabins along Thunderbird Lane and a potential junk yard. West of the site are several commercial enterprises, including manufacturers of artificial turf and hardwood components, an industrial tire company, and an industrial maintenance company to the west.

2.3 Historical Property Use

Based on review of the aerial photographs and topographic maps, it appears that the Property previously operated as a gravel pit since at least the 1940s through the early 1970s, after which the Property appeared to gradually revegetate. The surrounding area was first developed with single-family residences and farmsteads to the east and south of the Property since at least 1940, later followed by several gravel pits and industrial businesses along TH 53 to the west of the Property.

2.4 Current Use of the Property

At the time of the reconnaissance, the Property was vacant, with an access driveway in the northwest portion of the Property to TH 53 and another access driveway in the southeast corner of the Property to Thunderbird Trail E. According to city officials, the Property is used as a gravel pit for municipal projects as needed. Unauthorized ATVs and snowmobiles often cross the Property throughout the year. The center of the Property is surrounded by walls of unexcavated soil approximately 20 – 30 feet above the base of the pit excavation base. The northeastern corner of the Property is covered by St. Mary's Lake.

2.5 Description of Property Improvements

The following table provides general descriptions of the Property and improvements.

Table 1: Property Improvements

PROPERTY IMPROVEMENTS	
Size of Property (approximate)	33.93 acres
General Topography of Property	Sloping to the northeast towards St. Mary's Lake
Adjoining and/or Access/Egress Roads	Onsite access provided by an access road along TH 53 (west) and an access driveway along Thunderbird Trail E (south).

Table 1: Property Improvements

PROPERTY IMPROVEMENTS	
Paved or Concrete Areas (including parking)	None.
Unimproved Areas	Outer rim of excavation area is forested; inner portion of the Property is exposed aggregate.
Landscaped Areas	Native vegetation only.
Surface Water	St. Mary's Lake
Heating/Cooling	None
Potable Water Source	None
Sanitary Sewer Utility	Sign indicating "Sewer Manhole" observed near eastern edge of Property, just south of St. Mary's Lake.
Storm Sewer Utility	None
Electrical Utility	None
Natural Gas Utility	None
Current Occupancy Status	The Property is currently vacant.

2.6 Current Uses of Adjoining Properties

Current uses of the adjoining properties were observed to be as follows:

Table 2: Current Uses of Adjoining Properties

North	Unplatted land occupied by St. Mary's Lake and a golf course
South	7902 Thunderbird Trail E – residential 7916 Thunderbird Trail E – residential 7924 Thunderbird Trail E – residential 7930 Thunderbird Trail E – junk yard or commercial business
East	7897 Thunderbird Trail E – residential
West	TH 53, followed by: 4097 TH 53 – commercial manufacturing 4105 TH 53 – industrial/commercial 4111 TH 53 – commercial contracting

3.0 PHYSICAL SETTING

3.1 Topography

Based on the U.S. Geological Survey (USGS) *Eveleth, Minnesota, Quadrangle Topographic Map* dated 2013 and a review of Google Earth, the elevation of the Property ranges between approximately 1,375 to 1,410 feet above mean sea level. During the site reconnaissance, the Property was observed to be relatively flat with exception to the rim of the excavation surrounding the Property's center; the regional topography is also relatively flat with a regional gradient that trends to the northeast towards St. Mary's Lake. A copy of the topographic map is included located in **Figure 1**.

3.2 Geology

According to the Minnesota Geological Survey (MGS) *Geologic Map of Minnesota – Quaternary Geology*, the Property is underlain by sand and gravel deposits from glacial lake sediment associated with the Des Moines Lobe of the Pleistocene / Late Wisconsinan. Drift associated with the lobe is typically gray calcareous drift derived from Manitoba and eastern North Dakota, with combined silt and clay typically exceeding 50% of the till.

According to the MGS *Geologic Map of Minnesota – Bedrock Geology* (Jirsa, et al. 2011), the Property is underlain by Paleo-Proterozoic slate and greywacke of the Animikie Group, which includes the Rove, Virginia, and Thompson formations from 1,836 to 1,777 million years ago. The formation is part of the Geon 18 intrusions and supra-crustal rocks of the syn-to-late-Penokean orogenesis. According to the MGS *Geologic Map of Minnesota – Depth to Bedrock* (Olson and Mossler, 1982), bedrock lies approximately 100 feet below the Property.

3.3 Hydrogeology

According to the MGS *Hydrogeologic Map of Minnesota – Quaternary Hydrogeology* (Kanivetsky, 1979a) surficial groundwater resources are found in glacial lake sediments, composed of sand, clay, and silt with local sand and gravel bars and beaches, deposited on the beds and margins of glacial lakes. Estimated sustained yields are less than 1 gallon per minute. According to the MGS *Hydrogeologic Map of Minnesota – Bedrock Hydrogeology* (Kanivetsky, 1979b), bedrock groundwater resources are found in the Proterozoic aquifer, composed of argillite, slate, and metagraywacke, with low-yielding high-quality water.

According to the Minnesota Department of Natural Resources (DNR) *Minnesota Hydrogeology Atlas Series Atlas GH-03 – Depth to Water Table* (Adams, 2016), groundwater is anticipated to be less than 10 feet below the ground surface. According to the aforementioned topographic quadrangle map, St. Mary's Lake, the closest surface water body to the Property (often indicative of the local groundwater table elevation), has a surface elevation of approximately 1,375 feet above sea level.

Well log records collected from the Minnesota Department of Health (MDH) measured static water levels in nearby wells at depths of approximately 12 to 39 feet below grade. Locations of nearby wells are depicted on **Figure 3**.

Regional groundwater flow direction is generally influenced by major hydrogeologic features such as nearby rivers, streams, lakes, wells, and/or wetlands. A review of topographic maps indicates that local topography near the Property slopes to the northeast. Based on this

information, the inferred groundwater flow direction at the Property is to the northeast toward St. Mary's Lake.

For the purposes of this assessment of potential external environmental impacts, properties located to the south and west (up-gradient) of the Property are of primary concern. Estimated groundwater levels and/or flow directions may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations.

4.0 HISTORICAL LAND USE REVIEW

The objective of the historical use information review was to develop a history of the previous uses of the Property and the surrounding area to help evaluate the likelihood of past uses having led to RECs in connection with the Property. We consulted only those historical sources that were readily available, practically reviewable, and likely to be useful to develop a history of previous uses of the Property and surrounding area within the time and cost constraints of this Phase I ESA.

4.1 Aerial Photographs

Bay West reviewed aerial photographs of the Property dated between 1940 and 2017 (with scales of 1"=500'). The aerial photographs were reviewed to identify land uses at the Property and in the immediate vicinity that may indicate a potential environmental concern. Copies of the aerial photographs are provided as **Appendix B**. The following are descriptions and interpretations from the aerial photograph review:

Table 3: Aerial Photograph Summary

Year	Comments
1940	<p>Property: The Property appears to be vacant land covered by forest, improved with a trail trending NW – SE across the central portion of the Property. St. Mary's Lake is visible in the NE corner of the Property. The Property is adjoined by Thunderbird Trail East to the south.</p> <p>Surrounding Area: The Property is bound by St. Mary's Lake to the north-northeast, single-family residences/farmsteads to the east and south, and vacant forested land to the west. A west-east trending road appears south of the Property.</p>
1948, 1953	<p>Property: The trail appears to widen in 1948 and 1953, terminating at a small clearing in the northwest corner of the Property. No other changes are visible on the Property.</p> <p>Surrounding Area: No changes are visible in the surrounding area.</p>

Table 3: Aerial Photograph Summary

Year	Comments
1961	<p>Property: The majority of the forest on the Property appears to be cleared, with the exception of the wooded area bordering St. Mary's Lake. Aggregate piles are visible throughout the center of the Property. No other changes are visible on the Property.</p> <p>Surrounding Area: Surrounding area appears similar to previous years to the north, east, and south. A two lane north-south trending road, TH 53, appears west of the Property. To the west across TH 53, the forested area appears to have been cleared. No other changes are visible in the surrounding area.</p>
1972, 1981	<p>Property: Tree regrowth appears along the western side and central portion of the Property adjoining TH 53 ROW, first visible in 1972. No structures or other improvements on the Property were observed.</p> <p>Surrounding Area: Several commercial buildings appear west of TH 53. Additions to the commercial property southwest of the TH 53/Thunderbird Trail East intersection were observed between 1981 through 2006. No other changes are visible in the surrounding area.</p>
1989, 1991	<p>Property: The Property appears to have additional clearing of the forested area in the north and southwest portions of the Property. No other changes are visible on the Property.</p> <p>Surrounding Area: In the 1991 aerial photograph, the forested area, surrounding the commercial buildings, west of the Property appears to be cleared. No other changes are visible in the surrounding area.</p>
2006, 2010, 2013, 2017	<p>Property: Tree regrowth appears around the perimeter of the large disturbed area in the central portion of the Property. The large area of disturbance appears to be related to possible ATV trails. No other changes are visible on the Property.</p> <p>Surrounding Area: Vegetation regrowth appears in the area west of the Property where the forested area was cleared in the 1991 aerial photograph. No other changes are visible in the surrounding area.</p>

Based on review of the aerial photographs, it appears that the Property was cleared for aggregate mining beginning on a small scale in the late 1940s, expanding to the majority of the Property parcel by the early 1960s. The amount of disturbed land appears similar to current conditions since the 1960s. Early surrounding area use was residential and/or farmsteads to the east and south, followed later by commercial operations to the west in the 1970s. Based on the review of aerial photographs, no environmental concerns were identified for the Property.

4.2 Sanborn Fire Insurance Maps

Bay West requested Sanborn fire insurance maps for the Property and surrounding area. Fire insurance maps are produced by private fire insurance map companies and indicate uses of a property at specified dates. The information noted on the maps commonly includes uses of individual structures, locations of fuel and/or chemical storage tanks, and storage of other potentially toxic substances. No fire insurance maps were identified for the Property and/or surrounding area. A copy of the fire insurance map no coverage letter is included in **Appendix C**.

4.3 Property Tax Files

Bay West reviewed available tax files regarding the Property online through the St. Louis County website. The following information was provided for the Property:

Property Identification Number: 340-0010-03220

Owner: CITY OF EVELETH

Size (acres): 33.93

Brief legal description: SE ¼ OF SE ¼ EX HWY RT OF WAY, SEC 17, TWP 57, RA 17.

4.4 Recorded Land Title Records

Obtaining recorded land title records was not included in the scope of this assessment.

4.5 Historical USGS Topographic Quadrangles

Bay West reviewed available historical USGS Topographic Quadrangles dated between 1951 and 2013. Copies of the topographic maps reviewed are included in **Appendix D**.

The following are descriptions and interpretations from the historical map review:

Table 4: Topographic Map Summary

Year	Comments
1951	<p>Property: The Property appeared unimproved with exception of a local road extending from the southeast corner to the northwest corner, terminating at a gravel pit, which was partially present on the Property.</p> <p>Surrounding Area: The Property is bound by St. Mary's Lake to the north, a sand pit and small structures to the east, small structures and a gravel pit to the south, and an unpaved road and a single structure to the west.</p>

Year	Comments
1969	<p>Property: The Property appeared unimproved with exception to a local road extending from the southeast corner to the northwest corner. The center of the Property surrounding the road is identified as a pit.</p> <p>Surrounding Area: The northern portion of the Property is bound by St. Mary's Lake to the north, a sand pit and small structures to the east, small structures and TH 53, followed by several structures to the west.</p>
1983	<p>Property: The Property appeared unimproved with exception to a local road extending from the southeast corner to the northwest corner. The center of the Property surrounding the road is identified as a pit.</p> <p>Surrounding Area: A pipeline and gravel pit operations appear to the south and west of the Property beyond Thunderbird Trail East and TH 53.</p>
2013	<p>Property: The Property appeared unimproved, with partial coverage by forest.</p> <p>Surrounding Area: The Property was bound by TH 53 to the west and Thunderbird Trail East to the south; no other improvements were observed.</p>

Based on the review of historical topographic maps, no environmental concerns were identified for the Property. However, observations of historic operation of gravel pits indicate locations where dumping of unknown fill materials occur.

4.6 City Directories

Bay West reviewed city directories for TH 53 and Thunderbird Trail E dated 2005, 2010, and 2014. Copies of the city directories are included in **Appendix E**. The following is a summary of the city directory listings for the Property and surrounding properties of concern:

Table 5: City Directory Summary

Year	Comments
2005	<p>Property: No listings</p> <p>Surrounding Properties of Concern: Chris Vest Automotive, Inc. is listed at 7859 Thunderbird Trl E (800 feet east); Mountain Lake Furniture, Inc. & Woodline Manufacturing, Inc. are listed at 4097 TH 53 (600 feet southwest)</p>

Table 5: City Directory Summary

Year	Comments
2010	<p>Property: No listings</p> <p>Surrounding Properties of Concern: Chris Vest Automotive, Inc. is listed at 7859 Thunderbird Trl E (800 feet east); Woodline Manufacturing, Inc. is listed at 4097 TH 53 (600 feet southwest); Industrial Maintenance Services, Inc. is listed at 4111 TH 53 (400 feet west)</p>
2014	<p>Property: No listings</p> <p>Surrounding Properties of Concern: Chris Vest Automotive, Inc. is listed at 7859 Thunderbird Trl E (800 feet east); Woodline Manufacturing, Inc. is listed at 4097 TH 53 (600 feet southwest); Industrial Maintenance Services, Inc. is listed at 4111 TH 53 (400 feet west)</p>

Based on the review of city directories, these listings are not considered to represent RECs for the Property.

5.0 REGULATORY DATABASE REVIEW

Bay West obtained regulatory information pertaining to the Property and surrounding area from Environmental Data Resources (EDR). The EDR report is a compilation of records of facilities that are included on current federal and state environmental regulatory databases. The databases were searched based on the specified minimum search distances from the Property as defined by ASTM Standard Practice E1527-13. The EDR report also includes a description, source reference, date of acquisition, and specified approximate minimum search distance criteria for each database and list.

Bay West also reviewed the “unmappable” (also referred to as “orphan” facilities) within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that could not be plotted with confidence but are potentially in the general area of the Property based on the partial street address, city, or zip code. The complete regulatory agency database report is provided as **Appendix F**. The locations of identified facilities in relation to the Property are shown on **Figure 4**.

The following is a summary of the EDR report map findings and Bay West’s facility ranking. Summaries of the sites identified as medium potential for contamination are included in **Appendix A**.

5.1 Property

The Property was not listed in the environmental databases provided by the EDR report map.

5.2 Adjoining Properties

Based on a review of the database information provided in the EDR report and other available regulatory information for facilities surrounding the Property, the following sites were listed in the LUST, SRS, Financial Assurance, MANIFEST, UST, and WIMN databases:

- Tufco, Inc. located at 4105 TH 53 and approximately 580 feet west (upgradient) of the Property, was listed in the following databases:
 - Tufco, Inc. was listed in the UST (Tank Site #11184), WIMN, and Financial Assurance databases. One registered 1,000-gallon fuel oil UST was listed as installed on August 1, 1973, registered on February 17, 1986, and removed from the site at an unspecified date. The WIMN and Financial Assurance database listings are cross-referenced databases with the UST database and do not provide further information about the site.

The Tufco, Inc. facility is a “medium” risk facility based on the historical presence of a UST. However, based on the distance and absence of release reporting, these listings do not represent RECs for the Property.

- Woodline Manufacturing located at 4097 TH 53 and approximately 600 feet southwest (upgradient) of the Property, was listed in the following databases:
 - Woodline Manufacturing was listed in the UST (Tank Site #5149), LUST (Leak Site #19187), SRS, MANIFEST, WIMN, and Financial Assurance databases. A

release of unleaded gasoline and motor oil was reported at the site on July 30, 2013. Following submission of a corrective-action excavation report, the site received regulatory closure on September 6, 2013. No groundwater contamination or drinking water contamination was reported.

Tank Site #5149 reported 5 tanks, only 1 listing contains any further detail: Tank 001, a 2,000-gallon fuel oil tank installed 09/03/1969, registered 05/14/1986, removed at an unspecified date.

SRS, Financial Assurance, MANIFEST, WIMN. SRS & Financial Assurance related to LUST and UST listings. MANIFEST and WIMN listings reference former Hazardous Waste Generation ID MNR000079459, no waste generated for report years 2001 and 2010; no listed spills in association with hazardous waste generation.

The Woodline Manufacturing facility is a “medium” risk facility based on the historical presence of a UST and the closed LUST listing. However, based on the distance and file review, these listings do not represent RECs for the Property.

5.3 Surrounding Area

Based on a review of the database information provided in the EDR report and other available regulatory information for facilities surrounding the Property, the following sites were listed in the LUST, SRS, Financial Assurance, MANIFEST, VAPOR, TIER 2, UST, RCRA NonGen / NLR, and WIMN databases. Based on their distances and inferred hydrologic gradients, each of the following listed facilities are considered “*de minimis*” in relation to the Property:

- Central Lakes Mining and ARI Contracting are addressed on unspecified locations along TH 53 S; however, MPCA database details listed the sites to be approximately 2,360 feet northeast (down-gradient) of the Property. These sites were listed the RCRA NonGen/NLR database and the WIMN database for LUST, SRS, Financial Assurance, and database entries. Based on the distance and gradient, these listings do not represent RECs for the Property.
- YMCA Camp Warren, located at 3726 Miller Trunk Road, was misidentified at a location approximately 720 feet east-southeast (down- and/or cross-gradient) of the Property; based on public records, the actual site location is approximately 2.10 miles south-southeast (up- and/or cross-gradient) of the Property. YMCA Camp Warren was listed in the LUST (Leak Site #18559), UST (Tank Site #125609), SRS, Financial Assurance, VAPOR, TIER 2, and WIMN databases. Based on the distance and inferred hydrological gradient, these listings do not represent RECs for the Property.
- Fast Snowmobile Property, located at 3672 Miller Trunk Road, was misidentified at a location approximately 690 feet south-southeast (up- and/or cross-gradient) of the Property; based on public records, the actual site location is approximately 2.2 miles south-southeast (up- and/or cross-gradient) of the Property. The site was listed in the LUST (Leak Site #16366), SRS, Financial Assurance, VAPOR, and WIMN databases. A gasoline release was reported at the site on January 27, 2006. Remedial investigations following release reporting including advancement of soil borings and long-term groundwater monitoring. The site received regulatory closure on May 29, 2014, with

remaining impacts to groundwater. Based on the distance and inferred hydrological gradient, these listings do not represent RECs for the Property.

- Aqua Dynamics was addressed to PO Box 280; however, public records identified the site at 413 Grant Street, approximately 3.2 miles north-northwest (down- and/or cross-gradient) of the Property. This site was listed as a former hazardous waste generator. Based on the distance and gradient, these listings do not represent RECs for the Property.
- Jola and Sopp Excavating and Power o Peat, located at 3111 TH 53, were misidentified at a location approximately 600 feet southwest (up-gradient) of the Property; based on historical city directory information, the actual sites' location is approximately 8.5 miles south-southeast (up- and/or cross-gradient) of the Property. The sites were listed in the LUST (Leak Site #13117), SRS, and Financial Assurance databases. Based on the distance and inferred hydrological gradient, these listings do not represent RECs for the Property.

Based on the available information provided in the regulatory databases, file review requests from the MPCA were not placed for any of the identified surrounding (non-adjointing) facilities listed above.

5.4 “Orphan” Facilities

The EDR report did not identify any “orphan” facilities that, because of poor or inadequate address information, could not be mapped by EDR.

6.0 ADDITIONAL RECORDS

6.1 Local Environmental Records Sources

Bay West reviewed the MPCA Petroleum Storage Tank Site Search web page, MPCA Petroleum Remediation Program, MPCA “What’s In My Neighborhood”, and the Minnesota Department of Agriculture (MDA) “What’s In My Neighborhood – Agriculture” web pages for regulated sites with the potential to represent a REC at the Property that were not identified in the EDR report (MPCA, 2018). No additional facilities not already identified in the EDR report were noted on the state regulatory web pages accessed.

6.2 Minnesota Well Index

The MDH maintains the Minnesota Well Index (MWI), which is a limited database of water well records (MDH, 2018). The MWI was accessed through the MDH website. Approximately 16 verified wells (Unique Well IDs: 240045, 238418, 238344, 238884, 756153, 238342, 238341, 741376, 751925, 675357, 581495, 505567, 769382, 812120, 422650, 146634) were identified within 1,000 feet of the Property. Unverified well locations are derived from the descriptive location reported on the well construction record and their accuracy has not been confirmed; no unverified wells were reported to be located with 1,000 feet of the Property. The identified wells in relation to the Property are shown on **Figure 3**.

6.3 Building and Fire Department Records

Bay West contacted the Township of Fayal for fire department records pertaining to the Property. Records of environmental concern were not found in association with the Property.

Bay West contacted St. Louis County for assessor and building department records pertaining to the Property. A response from the county is pending at the issuance of this report.

6.4 Prior Reports

Prior reports were not available for the Property or provided to Bay West for review.

6.5 Vapor Encroachment Screen

Bay West completed an initial vapor encroachment screen to determine whether a vapor encroachment condition (VEC) exists in the subsurface at the Property from hazardous substances and petroleum that can include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and inorganic volatile compounds. The Tier 1 non-invasive vapor encroachment screen was performed for the chemicals of concern and the approximate recommended minimum search distances included in ASTM E2600-15 “Standard Guide for Vapor Encroachment Screening on Sites Involved in Real Estate Transactions.” The following minimum search distances are outlined in ASTM E2600-15 (ASTM, 2015):

Table 6: Area of Concern

Approximate Minimum Search Distances Surrounding the Subject Property (miles)

Standard Environmental Record Sources (where available)	Chemicals of Concern	Petroleum Hydrocarbon Chemicals of Concern
Federal NPL	0.33	0.1
Federal CERCLIS	0.33	0.1
Federal RCRA CORRACTS	0.33	0.1
Federal RCRA non-CORRACTS TSD	0.33	0.1
Federal RCRA Generators	Subject Property Only	Subject Property Only
Federal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
Federal ERNS	Subject Property Only	Subject Property Only
State and Tribal-equivalent NPL	0.33	0.1
State and Tribal-equivalent CERCLIS	0.33	0.1
State and Tribal Landfill or Solid Waste Disposal Sites	0.33	0.1
State and Tribal LUST	0.33	0.1
State and Tribal UST	Subject Property Only	Subject Property Only
State and Tribal Institutional Control/Engineering Control	Subject Property Only	Subject Property Only
State and Tribal Voluntary Cleanup	0.33	0.1
State and Tribal Brownfield	0.33	0.1

Potential VECs identified through the Tier 1 vapor encroachment screen were further evaluated based on available physical-setting and site-specific information and applicable MPCA guidance documents to determine whether the VEC represents a REC to the Property.

VECs for sites within the recommended search distances from the Property were not identified through the Tier 1 vapor encroachment screen.

7.0 SITE RECONNAISSANCE

The Property reconnaissance was conducted on November 28, 2018, by Mr. Brandon Flaada. At the time of the Property reconnaissance, the weather was partly cloudy and approximately 20 degrees Fahrenheit. Approximately 2-inches of snow cover was present at the time of the Property reconnaissance which limited Bay West's ability to view the ground surface. The following is a summary of visual and/or physical observations of the Property on the day of the Property visit. Photographs are included in **Appendix H**.

7.1 Methodology and Limiting Conditions

The Property reconnaissance consisted of a visual inspection of the Property to determine whether conditions or objects of environmental concern are present, in accordance with the requirements set forth in 40 CFR Part 312.

7.2 Land-Surface and Property Use Observations

The Property is vacant with a snowmobile/all-terrain vehicle (ATV) trail running north-south along the western edge of the Property between the Property and TH 53. Thunderbird Trail East provides access to the Property from the south and TH 53 provide access to the Property from the west.

Bay West observed evidence of extensive ATV usage within and around the open gravel pit portion of the Property in the form of ATV tracks in the snow, and an established trail system in the woods around the pit.

7.3 Surface Water Observations

St. Mary's Lake is located in the NE corner of the Property. No other accumulated water was observed during site reconnaissance. At the time of site reconnaissance, St. Mary's Lake was frozen.

7.4 Aboveground and Underground Storage Tanks

Bay West did not observe indications of intact ASTs or USTs on the Property at the time of the site reconnaissance. Bay West did observe two pieces of a potential tank on the ground surface along the ATV trail east of the open gravel pit portion of the Property. The size and historic use of the tank could not be determined. The approximate location of the apparent tank pieces is marked on **Figure 2**. A photograph depicting the tank pieces is also included in the attached photographic log in **Appendix H**.

7.5 Hazardous Substance Use, Storage, and Disposal

Bay West did not observe indications of hazardous substance use, storage, or disposal on the Property at the time of the site reconnaissance.

7.6 Petroleum Products Use, Storage, and Disposal

Bay West did not observe indications of petroleum product use, storage, or disposal on the Property at the time of the site reconnaissance.

7.7 Polychlorinated Biphenyls

Bay West did not observe indications of polychlorinated biphenyls on the Property at the time of the site reconnaissance. Two pole-mounted transformers were observed in the city right-of-way along Thunderbird Trail East south of the Property. Stickers indicating whether the transformers contained PCBs were not observable during the site reconnaissance. No staining of vegetation was observed at the time of the site reconnaissance.

7.8 Waste Disposal

Bay West observed indications of waste disposal on the Property at the time of the site reconnaissance. One location in the woods north of the open gravel pit had an appliance pile that contained items such as an oven/range, a microwave, a dehumidifier, an air conditioner, and speakers. Bay West also observed concrete blocks, a dinner plate, charred wood, and an empty wooden box near the appliance pile. Two locations contained neatly centralized general trash (i.e. beer cans, cigarette packs, and sports drink bottles) including garbage cans and bags. One of these locations was observed at an apparent boat landing along the ATV trail on the shore of St. Mary's Lake in the northeast corner of the Property. The other was within the gravel pit in the central portion of the Property. Other individual items (i.e. old fuel can, laundry basket, box spring, tires) were also observed in different locations in the woods and in the gravel pit on the Property. The approximate locations of the appliance pile and other trash areas are marked on **Figure 2**. Photographs are also included in the attached photographic log in **Appendix H**.

7.9 Wastewater Discharges

Bay West did not observe indications of wastewater discharges on the Property at the time of the site reconnaissance; however, wastewater discharge infrastructure was observed. A sanitary sewer lift station was observed in the south right-of-way of Thunderbird Trail E located south of the Property. A sign denoting a sewer manhole was observed near the eastern edge of the Property just south of the shore of St. Mary's Lake. No other indications of wastewater discharge infrastructure were observed on the Property at the time of the site reconnaissance.

7.10 Wells

Bay West did not observe indications of wells on the Property at the time of the site reconnaissance.

7.11 Pesticides and Herbicides

Bay West did not observe indications of pesticide or herbicide use, storage, or disposal on the Property at the time of the site reconnaissance.

7.12 Surrounding Property Review

Bay West conducted a visual survey of the adjoining properties from the Property and public vantage points such as streets.

The area north of the Property and East of the north half of the Property is St. Mary's Lake. Adjacent to and east of the southern half of the Property are residential lots. The properties south of the Property are primarily residential lots beyond Thunderbird Trail East.

One property south of the southwest corner of the Property is a possible junkyard or some sort of commercial property containing vehicles and general debris scattered throughout the property. An internet search of the address listed Arrowhead Heating, Plumbing, and Refrigeration of Northern Minnesota and Northern Minnesota Rentals, Inc. as business names associated with this address. There were no business signs along the road indicating the current property use.

TH 53 borders the Property on the west. Commercial/industrial businesses Woodline Manufacturing, Inc., Tufco Inc., and Industrial Maintenance Services, Inc. (IMS) are located beyond TH 53 to the west.

8.0 INTERVIEWS

The objective of conducting interviews is to obtain information concerning potential RECs in connection with the Property. Interviewees were cooperative and forthcoming with information, unless otherwise specified. Contact information for all interviewed individuals is included in the table below:

Table 7: Interview Summary

Role	Name/Contact	Title/Company	Contact Type
Representative of the Property Owner	Jerry Rosati 218-744-7504	Public Works Director, City of Eveleth, MN	Phone
	Jackie Monahan-Jurek 218-744-7444	City Administrator, City of Eveleth, MN	Phone
Representative of Fayal Township	Heidi Coldagelli 952-563-4728	Clerk / Board Member, Township of Fayal, MN	Phone

8.1 Interview with Property Owner/Operator

Bay West contacted Mr. Jerry Rosati, Public Works Director, and Ms. Jackie Monahan-Jurek, City Administrator, for information regarding the Property use history and potential environmental concerns at the Property. Mr. Rosati and Ms. Monahan-Jurek have been familiar with the Property for 14 and 16 years, respectively. They both noted that the Property is used by the City of Eveleth as a gravel pit, with additional unauthorized use by ATVs and snowmobiles. Neither Mr. Rosati or Ms. Monahan-Jurek were aware of any illegal dumping, evidence of contamination, or other environmental concerns in association with the Property.

8.2 Interview with Local Government Officials

Bay West interviewed Ms. Heidi Coldagelli, Clerk and Board Member for the Township of Fayal, for information regarding the Property use history and potential environmental concerns at the Property. Ms. Coldagelli stated that there were no known chemical releases or septic systems on the Property based on discussions with the Fire Department. Ms. Coldagelli also contacted the MPCA for any environmental records for the Property; According to Ms. Coldagelli, the MPCA did not have any records for the Property. Ms. Coldagelli was not aware of any other environmental concerns on the Property.

9.0 FINDINGS

Bay West has identified the following information, including known or suspected environmental conditions, in connection with the Property during this Phase I ESA.

9.1 Current and Historical Use of the Property

The approximately 33.93-acre Property has operated as a gravel pit mine and is currently vacant and unoccupied, with a mixture of native vegetation and bare gravel providing ground cover. The edges of the pit excavation slope upwards from the center of the Property, which is accessed from its northwest corner by a driveway connected to TH 53. The Property and surrounding area slope gently to the northeast towards the closest surface water body, St. Mary's Lake.

Based on review of the historical aerial photographs and topographic maps, it appears that the Property previously operated as a gravel pit since at least the 1940s through the early 1970s, after which the Property appeared to gradually revegetate. The surrounding area was first developed with single-family residences and farmsteads to the east and south of the Property since at least 1940, later followed by several gravel pits and industrial businesses along TH 53 to the west of the Property.

9.2 Surrounding Properties and Site Descriptions

The area surrounding the Property was undeveloped to the west until construction of commercial/industrial properties after the 1960s on the west side of TH 53. Site reconnaissance, regulatory database, and historical city directory data indicate that these businesses included general and excavation contracting, mineral industry, woodworking, rubber fabrication, and recreational facilities. The regulatory database listings indicated that several of the properties contain underground storage tanks, some of which have leaked and were subsequently remediated or closed to the regulatory agency's satisfaction. It is Bay West's opinion that based on their distance, hydrological gradient, and regulatory status, none of the surrounding properties represent RECs for the Property.

9.3 Site Rankings

The purpose of the ESA was to identify, to the extent possible, sources of potential contamination (based on present or former land use) on the Property and on sites surrounding the Property. For purposes of this Phase I ESA, the site search area includes all parcels adjoining to the Property.

To help categorize the relative potential risk of contaminant impacts on and to the Property from adjacent site use, properties, groups of properties, or portions of a property were defined as "sites" based on their present or former land use. Sites that appeared to have some potential for contaminant releases were then evaluated and ranked as high, medium, or low risk based on their potential to represent RECs for the Property. Those properties and groups of properties that were determined to pose minimal or no risk for the Property were identified as *de minimis* sites. A total of 14 ranked sites (i.e., *de minimis*, low-risk, or medium-risk) were identified on and surrounding the Property. Seven of these were identified as *de minimis*, five as low-risk, and two as medium-risk sites in terms of their relative potential for contamination originating at the sites. No sites considered to as high-risk were identified in the vicinity of the Property.

These rankings were based solely on the sites' potential for contamination and not on the sites' locations with respect to the proposed acquisition parcel or project construction limits. Site rankings were adjusted based on evidence collected and professional judgment. Based on this assessment, Bay West does not consider any of the ranked sites to represent a REC for the Property. The locations of these sites are detailed on **Figure 4**. The following **Table 8** lists the ranked sites and includes a summary of the ranking rationale for each site:

Table 8: Site Summary by Site Ranking Rationale

Site #	Name	Site Use Type	Address	Distance	Rank	Ranking Rationale
1	Vacant Lot/Former Gravel Pit	Industrial - Vacant	7907 Thunderbird Trail East	0 feet	Low	Evidence of some dumping and potential lead contamination from illegal shooting. No records of spills or other items of environmental concern.
2	Tufco, Inc.	Industrial - Rubber	4105 TH 53 & 1012 TH 53 S	580 feet	Medium	Listed in the UST, WIMN, Financial Assurance databases. No release reported with associated Tank Site #11184.
3	Woodline Manufacturing / Performance Products, Inc.	Industrial – Sawmill	4097 TH 53	600 feet	Medium	Listed in the UST, LUST, SRS, MANIFEST, WIMN, and Financial Assurance databases. Leak Site #19187 closed, no groundwater contamination.
4	State of Minnesota for Peter Howard Bertucci	Industrial – Storage	7930 Thunderbird Trail East	300 feet	Low	Appears as storage/junk yard operation, poor housekeeping, no public records available concerning site use. No regulatory database records or other reports of release.
5	Eveleth Golf Course	Recreational – Golf Course	55734 Golf Course Road	900 feet	Low	Golf course / recreational use, no records of spills or other items of environmental concern.

Table 8: Site Summary by Site Ranking Rationale

Site #	Name	Site Use Type	Address	Distance	Rank	Ranking Rationale
6	United Taconite, LLC	Industrial – Mining	No address	450 feet	Low	Owned by mining company. Based on historical documentation and site reconnaissance, the site has not been developed for mining purposes. At present the site is vacant.
7	Industrial Maintenance Services, Inc.	Industrial - Construction	4111 TH 53	400 feet	Low	Owned by industrial services company as construction general contractor. No records of spills or other items of environmental concern.
D1	Thunderbird Trail E	Public right-of-way	NA	150 feet	de minimis	Public roadway. No records of spills or other items of environmental concern.
D2	Residence	Residential	7924 Thunderbird Trail East	225 feet	de minimis	Residential use, no records of spills or other items of environmental concern.
	Residence	Residential	7916 Thunderbird Trail East	150 feet	de minimis	Residential use, no records of spills or other items of environmental concern.
	Residence	Residential	7902 Thunderbird Trail East	375 feet	de minimis	Residential use, no records of spills or other items of environmental concern.

Table 8: Site Summary by Site Ranking Rationale

Site #	Name	Site Use Type	Address	Distance	Rank	Ranking Rationale
D2	Residence	Residential	4099 Miller Trunk Road	250 feet	de minimis	Residential use, no records of spills or other items of environmental concern.
	Residence	Residential	7866 Thunderbird Trail East	250 feet	de minimis	Residential use, no records of spills or other items of environmental concern.
	Residence	Residential	7897 Thunderbird Trail East	50 feet	de minimis	Residential use, no records of spills or other items of environmental concern.

10.0 CONCLUSIONS

Bay West has performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-13 for the Property located at TZ90169 in Eveleth, Minnesota. Any exceptions to, or deletions from, this practice are described in **Section 1.5** of this report. Bullet casings have been found on the Property, with lead bullets likely located in the excavation pit banks. Potential dumping of white goods or electronics that possibly contain regulated materials may have occurred on the Property. These are not RECs, but are considered *de minimis* and concerns for the Property. This assessment did not reveal any recognized environmental conditions (RECs) or vapor encroachment conditions (VECs) in connection with the Property.

Based on the results of this Phase I ESA, Bay West does not recommend further environmental evaluation of the Property at this time.

11.0 STANDARD OF CARE

Bay West has prepared this Phase I ESA report using reasonable efforts to identify RECs associated with hazardous substances or petroleum products at the Property. Findings contained within this report are based on information collected from observations made on the day of the Property reconnaissance and from reasonably ascertainable information obtained from certain public agencies and other referenced sources.

The ASTM Standard Practice E1527-13 recognizes inherent limitations for Phase I ESAs, including, but not limited to:

- **Uncertainty Not Eliminated:** A Phase I ESA cannot eliminate uncertainty regarding the potential for RECs in connection with any property.
- **Not Exhaustive:** A Phase I ESA is not an exhaustive investigation of the Property and environmental conditions on such Property.
- **Past Uses of the Property:** ASTM Standard Practice E1527-13 requires review of standard historical sources at five-year intervals. Therefore, past uses of the Property at less than five-year intervals may not be discovered.

Users of this report may refer to ASTM Standard Practice E1527-13 for further information regarding these and other limitations. This report is not definitive and should not be assumed to be a complete and/or specific definition of all conditions above- or below-grade. Subsurface conditions at the time of the reconnaissance may differ from the conditions determined by surface observations, interviews, and reviews of historical sources. The most reliable method of assessing subsurface conditions is through intrusive techniques. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other Property construction purposes. Any use of this report by any party beyond the scope and intent of the original parties shall be at the sole risk and expense of such user.

Bay West makes no representation or warranty that the past or current operations at the Property are, or have been, in compliance with all applicable federal, state, and local laws, regulations, and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, Bay West is not responsible for consequences or conditions arising from facts not fully disclosed to Bay West during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and is assumed to be correct and complete unless obviously contradicted by Bay West's observations or other credible, referenced sources reviewed during the assessment. Bay West shall not be liable for any such database firm's failure to make relevant files or documents properly available, to properly index files, or otherwise to fail to maintain or produce accurate or complete records.

Bay West used reasonable efforts to identify indications of above ground storage tanks (ASTs) and underground storage tanks (USTs) and ancillary equipment on the Property during the assessment. "Reasonable efforts" were limited to observation of accessible areas and review of referenced public records and interviews. These reasonable efforts may not identify subsurface

equipment or evidence hidden from view by things including, but not limited to, thick vegetative or tree cover.

The estimates of costs or quantities in this report are approximations for commercial real estate transaction due diligence purposes and are based on the findings, opinions, and conclusions of this assessment, which are limited by the scope of the assessment, schedule demands, cost constraints, accessibility limitations, and other factors associated with performing the Phase I ESA. Subsequent determinations of costs or quantities may vary from the estimates in this report. The estimated costs or quantities in this report are not intended to be used for financial disclosure related to the Financial Accounting Standards Board (FASB) Statement Number (No.) 143, FASB Interpretation No. 47, Sarbanes/Oxley Act, or any United States Securities and Exchange Commission reporting obligations and may not be used for such purposes in any form without the express written permission of Bay West.

Bay West is not a professional title insurance or land surveyor firm and makes no guarantee, expressed or implied, that any land title records acquired or reviewed in this report, or any physical descriptions or depictions of the Property in this report, represent a comprehensive definition or precise delineation of Property ownership or boundaries.

The Environmental Professional Statement in the **Executive Summary** of this report does not “certify” the findings contained in this report and is not a legal opinion of such Environmental Professional. The Environmental Professional Statement is intended to document Bay West’s opinion that an individual meeting the qualifications of an Environmental Professional was involved in performing the assessment and that the activities performed by, or under the supervision of, the Environmental Professional were performed in conformance with the standards and practices set forth in 40 CFR Part 312 per the methodology in ASTM Standard Practice E1527-13 and the scope of work for this assessment.

Per ASTM Standard Practice E1527-13, Section 6, User Responsibilities, the User of this assessment has specific obligations for performing tasks during this assessment that will help identify the possibility of RECs in connection with the Property. Failure by the User to fully comply with the requirements may impact his or her ability to use this report to help qualify for Landowner Liability Protections under CERCLA. Bay West makes no representations or warranties regarding a User’s qualification for protection under any federal, state or local laws, rules, or regulations.

In accordance with the ASTM Standard Practice E1527-13, this report is presumed to be valid for a six-month period. If the report is older than six months, the following information must be updated for the report to be valid: (1) regulatory review, (2) Property visit, (3) interviews, (4) specialized knowledge, and (5) environmental liens search. Reports older than one year may not meet the ASTM Standard Practice E1527-13; therefore, the entire report must be updated to reflect current conditions and Property-specific information.

Light snow cover was present at the time of the Property reconnaissance which limited Bay West’s ability to view the ground surface. Other limitations and exceptions that are specific to the scope of this report may be found in corresponding sections.

Resumes of the Bay West personnel responsible for the preparation of this report are attached as **Appendix I**.

12.0 CERTIFICATION

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 Code of Federal Regulations (CFR) Part 312. I have the specific qualifications based on education, training, and experience to assess a Property of the nature, history, and setting of the subject Property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Erik Nimlos, PG
Environmental Professional



Paul Raymaker, PG
Project Manager



Donovan Hannu, PE
Senior Reviewer

13.0 REFERENCES

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Figures

Y:\Clients\MnDOT\WmDOT_Cook & Eveleth_Truck Stations\MapDocs\J180892\J180892 FIG 1 Site Location Map.mxd

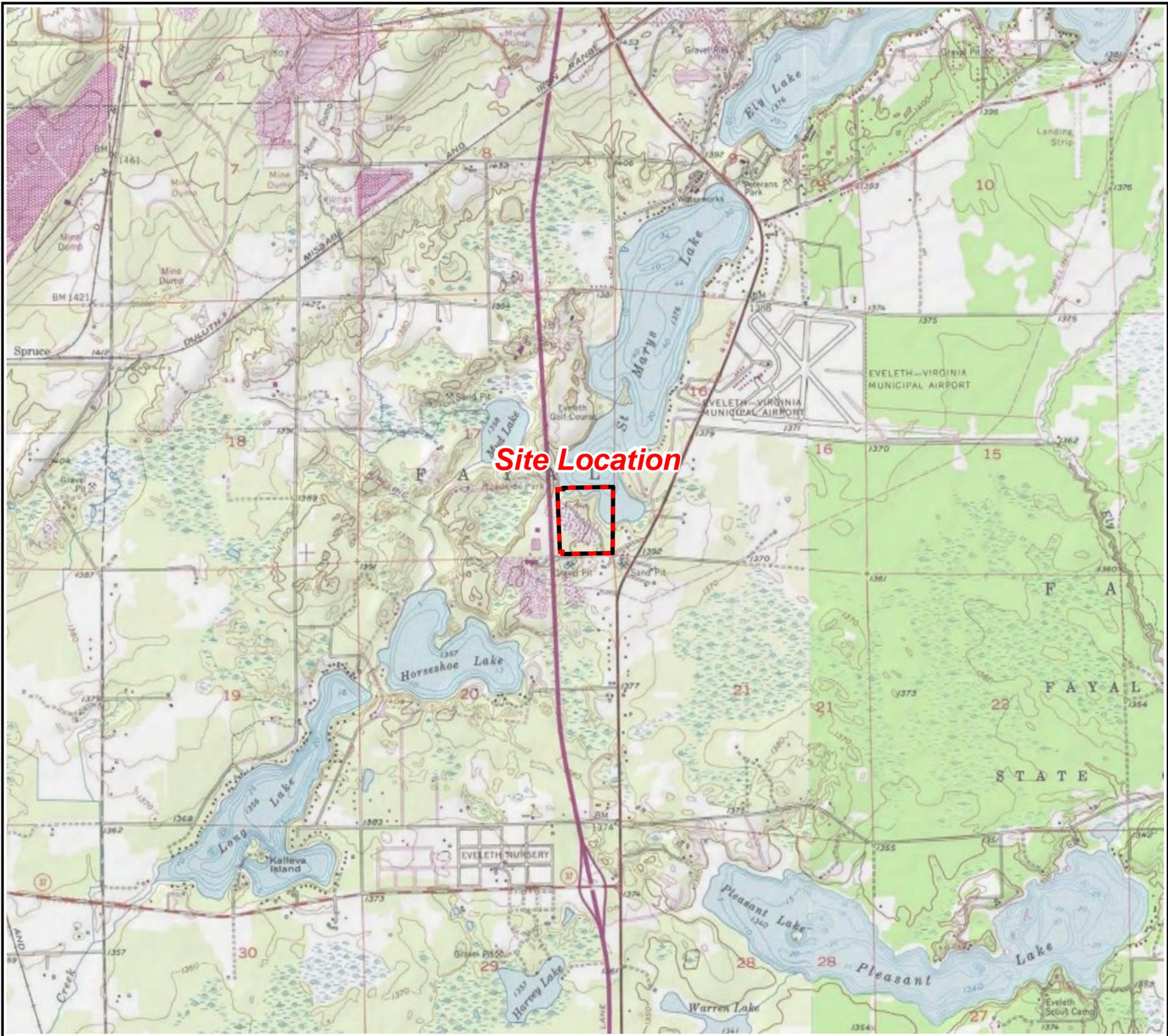


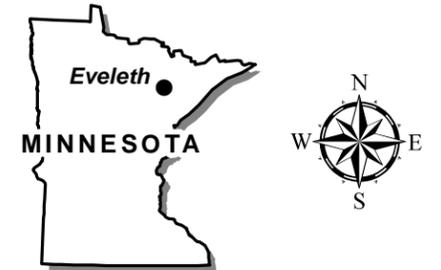
Figure 1

Site Location Map

Eveleth Truck Site TZ90169

7907 Thunderbird Trail East
Eveleth, MN 55734

PID: 340-0010-03220



Map Projection: NAD 1983 UTM Zone 15 N, Meters
Basemap: National Geographic Society, i-cubed



1 inch = 2,000 feet



Y:\Clients\WnDOT\MnDOT_Cook_&_Eveleth_Truck_Stations\MapDocs\U180892\U180892 FIG 2 Site Detail & Photograph Location Map.mxd

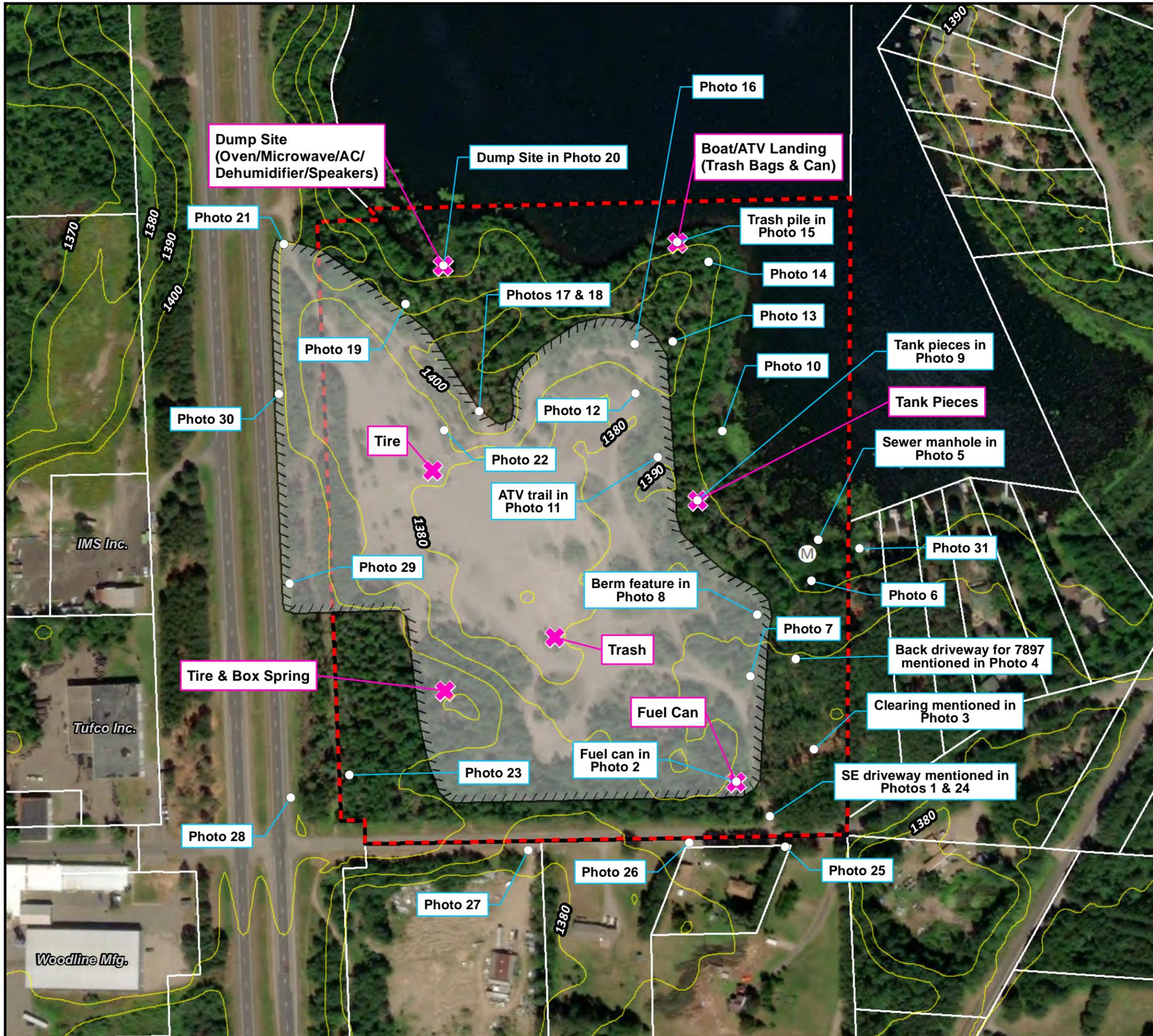
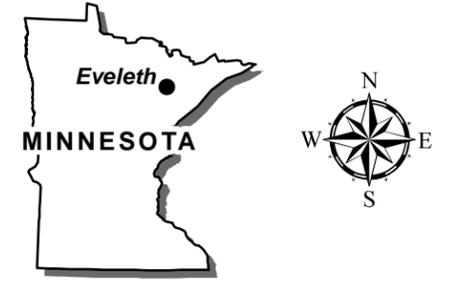
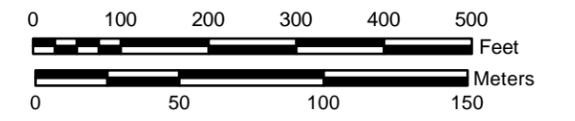


Figure 2 Site Detail & Photograph Location Map

Eveleth Truck Site TZ90169
7907 Thunderbird Trail East
Eveleth, MN 55734
PID: 340-0010-03220



Map Projection: NAD 1983 UTM Zone 15 N
Basemap: ESRI World Imagery WMS, 8/12/2014



- Photograph Locations
- Ⓜ Manhole
- Contours (10 foot interval)
- ✕ Site Features
- ▨ Historical Excavation Extent
- ▭ Property Boundary
- ▭ Parcel Boundaries

NOTE:
* Historical excavation extent based on aerial photographs
* Depth to bedrock is approximately 100 feet below grade



Y:\Clients\MnDOT\MnDOT_Cook_&_Eveleth_Truck_Stations\MapDocs\J180892\J180892 FIG 3 MDH Well Records.mxd

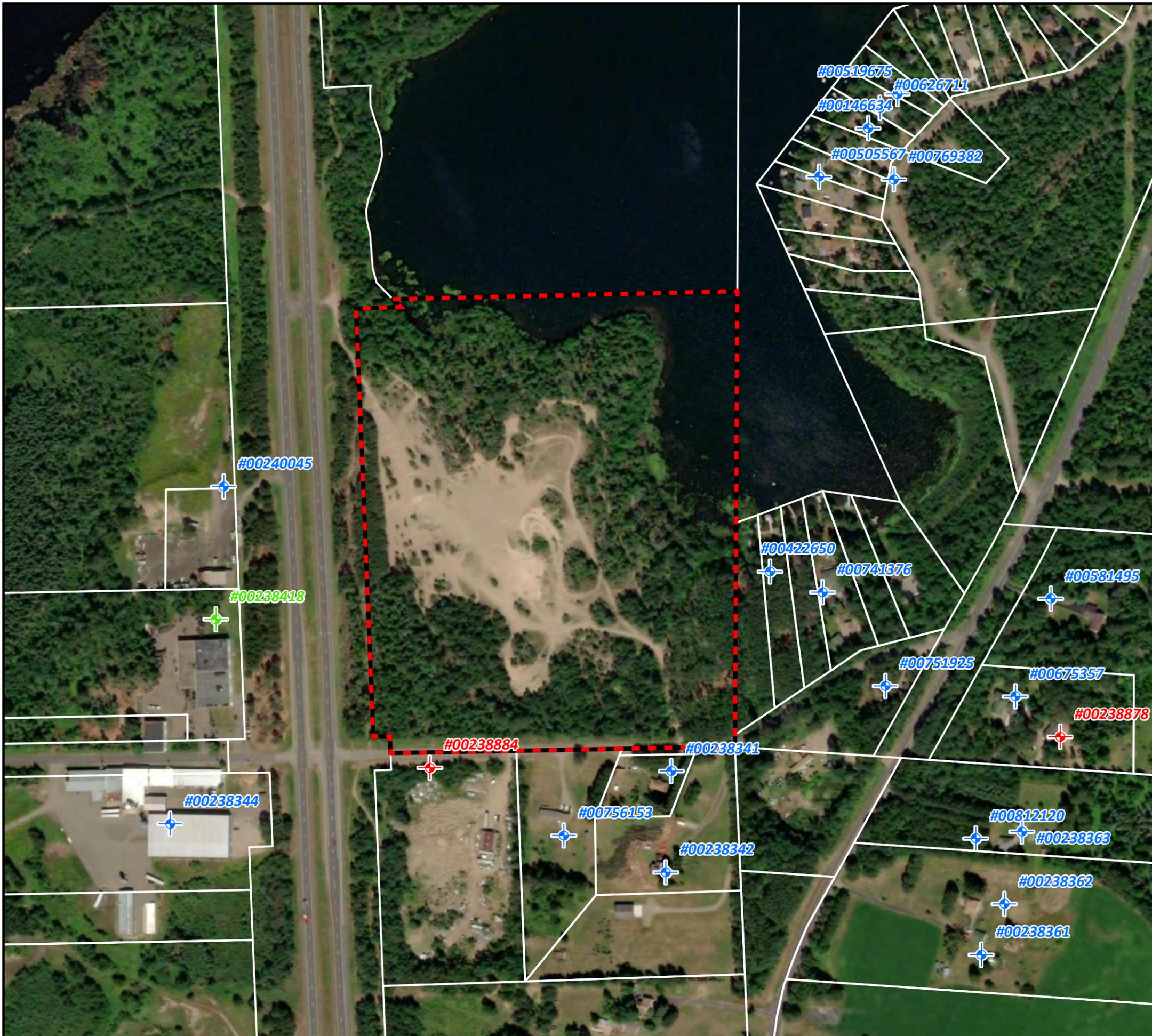


Figure 3

MDH Well Records

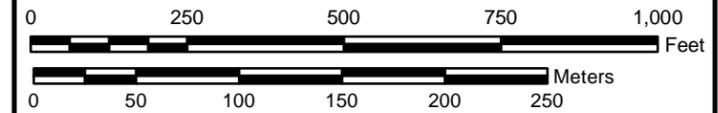
Eveleth Truck Site TZ90169

7907 Thunderbird Trail East
Eveleth, MN 55734

PID: 340-0010-03220



Map Projection: NAD 1983 UTM Zone 15 N
Basemap: ESRI World Imagery WMS, 8/12/2014

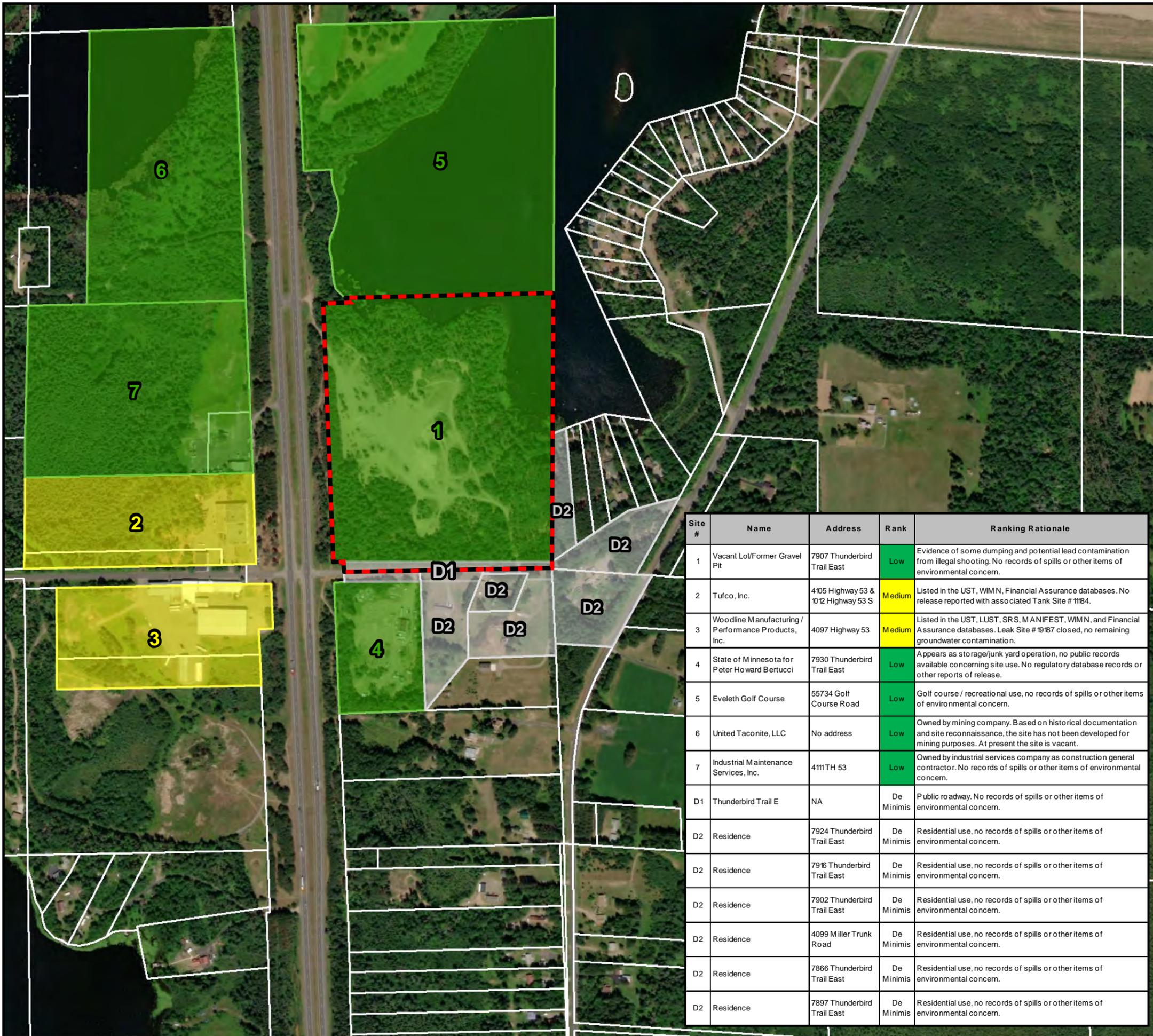


County Well Index

-  Commercial
-  Domestic
-  Scientific Investigation
-  Property Boundary
-  Parcel Boundaries



Y:\Clients\MnDOT\MnDOT_Cook_&_Eveleth_Truck_Stations\MapDocs\J180892\J180892 FIG 4 Ranked Site Map.mxd

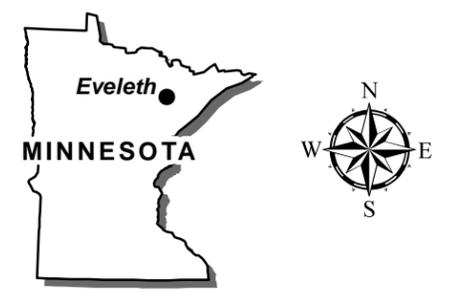


Site #	Name	Address	Rank	Ranking Rationale
1	Vacant Lot/Former Gravel Pit	7907 Thunderbird Trail East	Low	Evidence of some dumping and potential lead contamination from illegal shooting. No records of spills or other items of environmental concern.
2	Tufco, Inc.	4105 Highway 53 & 1012 Highway 53 S	Medium	Listed in the UST, WIMN, Financial Assurance databases. No release reported with associated Tank Site # 1184.
3	Woodline Manufacturing / Performance Products, Inc.	4097 Highway 53	Medium	Listed in the UST, LUST, SRS, MANIFEST, WIMN, and Financial Assurance databases. Leak Site # 19187 closed, no remaining groundwater contamination.
4	State of Minnesota for Peter Howard Bertucci	7930 Thunderbird Trail East	Low	Appears as storage/junk yard operation, no public records available concerning site use. No regulatory database records or other reports of release.
5	Eveleth Golf Course	55734 Golf Course Road	Low	Golf course / recreational use, no records of spills or other items of environmental concern.
6	United Taconite, LLC	No address	Low	Owned by mining company. Based on historical documentation and site reconnaissance, the site has not been developed for mining purposes. At present the site is vacant.
7	Industrial Maintenance Services, Inc.	4111 TH 53	Low	Owned by industrial services company as construction general contractor. No records of spills or other items of environmental concern.
D1	Thunderbird Trail E	NA	De Minimis	Public roadway. No records of spills or other items of environmental concern.
D2	Residence	7924 Thunderbird Trail East	De Minimis	Residential use, no records of spills or other items of environmental concern.
D2	Residence	7916 Thunderbird Trail East	De Minimis	Residential use, no records of spills or other items of environmental concern.
D2	Residence	7902 Thunderbird Trail East	De Minimis	Residential use, no records of spills or other items of environmental concern.
D2	Residence	4099 Miller Trunk Road	De Minimis	Residential use, no records of spills or other items of environmental concern.
D2	Residence	7866 Thunderbird Trail East	De Minimis	Residential use, no records of spills or other items of environmental concern.
D2	Residence	7897 Thunderbird Trail East	De Minimis	Residential use, no records of spills or other items of environmental concern.

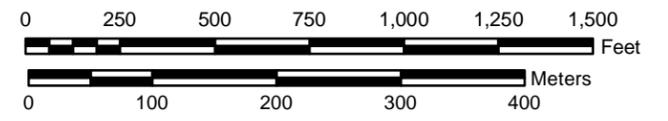
Figure 4

Ranked Site Map

Eveleth Truck Site TZ90169
 7907 Thunderbird Trail East
 Eveleth, MN 55734
 PID: 340-0010-03220



Map Projection: NAD 1983 UTM Zone 15 N
 Basemap: ESRI World Imagery WMS, 8/12/2014



- Property Boundary
- Parcel Boundaries
- Ranked Site ID

Environmental Risk Level

- Medium
- Low
- De Minimis



Appendix A

Ranked Site Summaries

Site Description Data

Site #

2

Site Number: 2
Site Rank: MEDIUM
Current Site Name: Tufco, Inc.
Historical Site Name(s): Tufco, Inc.
Site Address: 4105 Highway 53 & 1012 Highway 53 S, Eveleth, MN 55734
Parcel IDs: 340-0010-03215 & 340-0010-03217
Property Type: Industrial
Property Owner: Tufco, Inc.
Current Use: Tire recycler and manufacturer of rubber turf
Ranking Rationale: Listed in UST, WIMN, Financial Assurance databases. Adjoining upgradient, 580 feet west from the Property.



Figure # 4

Site Summary: The site was developed as industrial as of 1972, with an approximately 27,000 square foot building and an approximate 5,500 square foot building with associated paved parking areas to the south and west as of 1989. Site reconnaissance confirmed Tufco Inc. as current business.

Site Photographs



South side of Tufco (4105 TH 53) facing north from Thunderbird Tr.



1961 Aerial from EDR



Site Description Data

Site #

2

East side of Tufco (4105 TH 53) facing west from TH 53

South side of western building facing North from Thunderbird Tr.

Historical Summary

Year	Use	Source
1940-1961	Vacant, cleared, land surrounded by forest to the south and west. Highway 53 constructed by 1961 adjoining the site to the east.	Aerial Photographs
1972-2017	Developed with an approximately 27,000 square foot building and an approximate 5,500 square foot building with associated paved parking areas to the south and west as of 1989.	Aerial Photographs

Site Reconnaissance

Evidence of the following:	Site Reconnaissance		Other lines of Evidence	
	YES	NO	YES	NO
Current Structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Demolished/Removed Structures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unidentified containers (drums, cylinders, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wells	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Septic System or cistern	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Use/Storage/Disposal of Petroleum Products or Hazardous Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dumping, Landfilling, or Non-native Fill	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spill or Release	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpaved roads/paths with no outlet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Outdoor Storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface Water Features	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Stained Soil or stressed vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PCB containing equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Poor Housekeeping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Past Structure Use or Property Ownership	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Description of observations and other lines of evidence
(ie. Tank size/location/contents, Number & location of drums, etc.)

None

Regulatory Review

Not Identified on Any Database

Check if Identified	Database	Comments
<input checked="" type="checkbox"/>	MDH MWI Well	1 Well Listed:

Site Description Data

Site #

2

		Unique Well #00238418, named Tire Retread, listed as commercial use, active, 117 ft deep, depth to water is 37 feet in the quaternary aquifer.
<input type="checkbox"/>	AST	
<input type="checkbox"/>	Brownfields	
<input type="checkbox"/>	LAST	
<input type="checkbox"/>	LUST	
<input type="checkbox"/>	NPL/CERCLIS	
<input type="checkbox"/>	Permanent List of Priorities (PLP)	
<input type="checkbox"/>	SPILLS	
<input type="checkbox"/>	Solid Waste/Landfills (SWF/LF)	
<input type="checkbox"/>	Superfund (SHWS)	
<input checked="" type="checkbox"/>	UST	Tank Site TS0011184. One 1,000-gallon fuel oil UST registered to the site. Tank installed 08/01/1973, registered 02/17/1986, listed as removed at an unspecified date.
<input type="checkbox"/>	VIC	
<input checked="" type="checkbox"/>	Other (List)	WIMN, Financial Assurance databases linked to UST registration

Regulatory File Reviewed: Yes No

Regulatory or Leak #: TS0011184

MPCA files were reviewed for the site's tank registration. According to the Tank Site Information =Short Report generated on November 10, 2010, the tank was removed on June 1, 1991. No additional information was provided by the documents in addition to the findings of the EDR database.

Site Description Data

Site #

3

Site Number: 3
Site Rank: MEDIUM
Current Site Name: Woodline Manufacturing
Historical Site Name(s): Performance Products, Inc
Site Address: 4097 Highway 53, Eveleth, MN 55734
Parcel IDs: 340-0010-03595 & 340-0010-03590
Property Type: Industrial
Property Owner: Woodline Manufacturing Inc.
Current Use: Manufacturer of hardwood construction components and furniture
Ranking Rationale: Listed in the UST, LUST, SRS, MANIFEST, WIMN, and Financial Assurance databases. Adjoining, upgradient site approximately 600 feet west of Project Area. Leak Site #19187 closed, no groundwater contamination.



Figure # 4

Site Summary: The site was developed with a farmstead and associated small buildings with agricultural land south and west of the buildings as of 1940. As of 1972, the residential homestead was removed, and several adjoining buildings were visible along Thunderbird Trail. As of 2005, additional buildings were constructed along Thunderbird Trail and to the south. Site reconnaissance confirmed Woodline Manufacturing as current business.

Site Photographs



NE corner of site viewed from TH 53



1972 Aerial from EDR

Site Description Data

Site #

3



Closer view of site from TH 53 facing south



1961 Aerial from EDR

Historical Summary

Year	Use	Source
1940-1961	Site appeared developed with a farmstead and associated small buildings with agricultural land south and west of the buildings. Highway 53 was constructed by 1961 adjoining the site to the east.	Aerial photographs
1972-1991	Farmstead is no longer present. Several adjoining buildings visible along Thunderbird Trail. Land south and west of the site buildings used for gravel pit operations.	Aerial photographs, topographic maps
2005-2017	Additional buildings constructed along Thunderbird Trail and to the south on the 2 nd site parcel.	Aerial photographs, city directories

Site Reconnaissance

Evidence of the following:	Site Reconnaissance		Other lines of Evidence	
	YES	NO	YES	NO
Current Structures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Demolished/Removed Structures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unidentified containers (drums, cylinders, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wells	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Septic System or cistern	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Use/Storage/Disposal of Petroleum Products or Hazardous Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dumping, Landfilling, or Non-native Fill	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spill or Release	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpaved roads/paths with no outlet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Outdoor Storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface Water Features	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Site Description Data

Site #

3

Stained Soil or stressed vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PCB containing equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Poor Housekeeping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Past Structure Use or Property Ownership	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Description of observations and other lines of evidence
(ie. Tank size/location/contents, Number & location of drums, etc.)

None

Regulatory Review

Not Identified on Any Database

Check if Identified	Database	Comments
<input checked="" type="checkbox"/>	MDH MWI Well	1 Well Listed Unique Well #238344, Paul Laskar, listed as domestic use, inactive, 35 ft deep, depth to water is unknown in the quaternary aquifer.
<input type="checkbox"/>	AST	
<input type="checkbox"/>	Brownfields	
<input type="checkbox"/>	LAST	
<input checked="" type="checkbox"/>	LUST	Leak #19187 reported on 07/30/2013 for release of unleaded gasoline and motor oil from tank corrosion. Subsequent excavation and water well sampling performed, leak site closure received on 09/06/2013 with no groundwater impacts reported.
<input type="checkbox"/>	NPL/CERCLIS	
<input type="checkbox"/>	Permanent List of Priorities (PLP)	
<input type="checkbox"/>	SPILLS	
<input type="checkbox"/>	Solid Waste/Landfills (SWF/LF)	
<input type="checkbox"/>	Superfund (SHWS)	
<input checked="" type="checkbox"/>	UST	Tank Site #5149 reported 5 tanks, only 1 listing contains any further detail: Tank 001, a 2,000-gallon fuel oil tank installed 09/03/1969, registered 05/14/1986, removed at an unspecified date.
<input type="checkbox"/>	VIC	
<input checked="" type="checkbox"/>	Other (List)	SRS, Financial Assurance, MANIFEST, WIMN. SRS & Financial Assurance related to LUST and UST listings. MANIFEST and WIMN listings reference former Hazardous Waste Generation ID MNR000079459

Regulatory File Reviewed: Yes No

Regulatory or Leak #: LS0019187, TS0005149, MNR000079459

Site Description Data

Site #

3

LS0019187: Field indications of contamination were not detected during tank removal on July 11-12, 2013. Analytical results of soil endpoint sampling detected diesel-range organics (DRO) at a single location at a concentration of 10 milligrams per kilogram. Subsequent sampling of the onsite potable water well did not detect any petroleum constituents above laboratory detection levels.

TS0005149: 5 tanks were removed from the site – one 2,000-gallon fuel oil UST, two 10,000-gallon motor oil USTs, one 4,000-gallon motor oil UST, and one 500-gallon gasoline UST. No compliance issues were noted in the available files for review.

MNR000079459: No waste generated for report years 2001 and 2010; no listed spills in association with hazardous waste generation.

Regulatory File Review Supporting Information

Tank #	Tank ** Material	UST or AST	Capacity (gallons)	Contents (product type)	Year installed	Tank Status*	Condition of Tank
001	Steel	UST	2,000	Fuel Oil	Unknown	Removed (07/11/2013)	Fair, rusted but no pitting
002	Steel	UST	10,000	Motor Oil	Unknown	Removed (07/12/2013)	Fair, rusted but no pitting
003	Steel	UST	10,000	Motor Oil	Unknown	Removed (07/12/2013)	Fair, rusted but no pitting
004	Steel	UST	4,000	Motor Oil	Unknown	Removed (07/11/2013)	Fair, rusted but no pitting
005	Steel	UST	500	Gasoline	Unknown	Removed (07/11/2013)	Fair, rusted but no pitting

Table, from the 2013 MSA excavation report, showing UST tank information for Leak Site #19187.

Sample Code	DRO	GRO	Benzene (mg/kg)	Ethylbenzene (mg/kg)	Toluene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)
B-1	<9.5	<6.0	<0.060	<0.060	<0.30	<0.18	<0.060	NA
B-2	<9.5	<6.1	<0.061	<0.061	<0.31	<0.18	<0.061	NA
B-3	<8.5	<5.4	<0.054	<0.054	<0.27	<0.16	<0.054	NA
B-4	<42	<5.2	<0.052	<0.052	<0.26	<0.16	<0.052	NA
B-5	10.0	<8.8	<0.088	<0.088	<0.44	<0.26	<0.088	NA
B-6	<9.2	<5.4	<0.054	<0.054	<0.27	<0.16	<0.054	NA
B-7	<8.4	<5.1	<0.051	<0.051	<0.25	<0.15	<0.051	NA

Analytical table, from the 2013 MSA excavation report for Leak Site #19187.

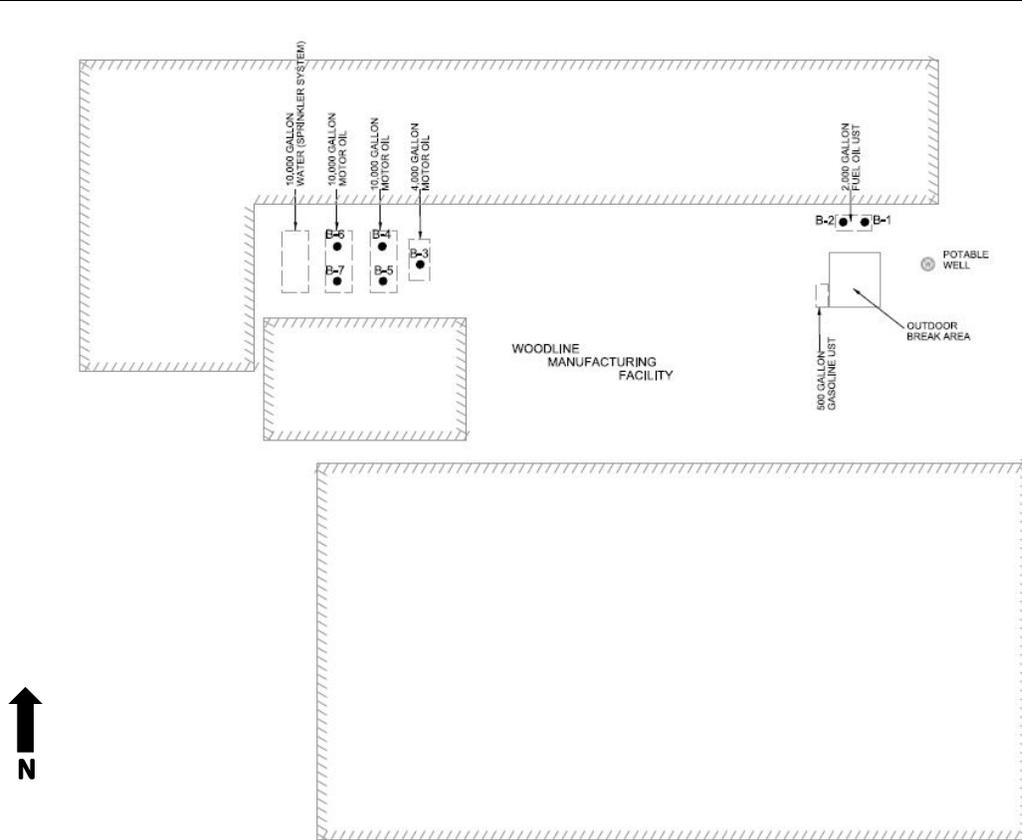
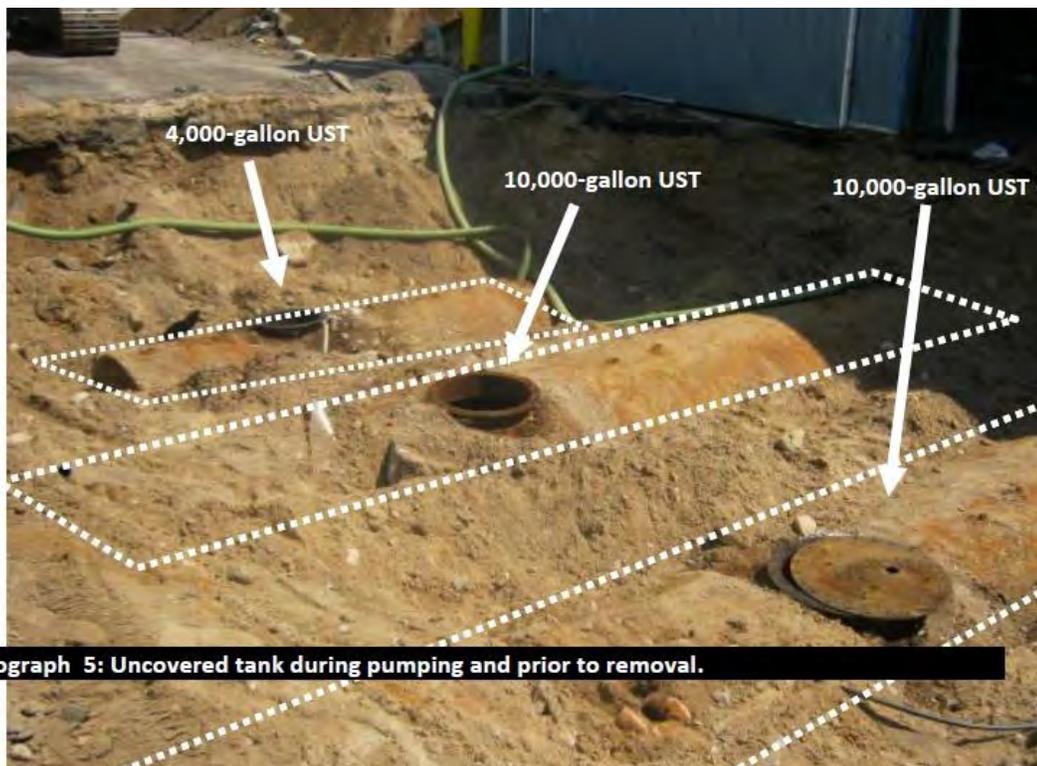


Figure showing former tank locations and sample locations at Leak Site #19187.



Photograph 5: Uncovered tank during pumping and prior to removal.

Figure showing uncovered tanks prior to removal from the 2013 MSA excavation report for Leak Site #19187.

Site Description Data

Site #

1

Site Number: 1
Site Rank: LOW
Current Site Name: Vacant Lot/Former Gravel Pit
Historical Site Name(s): NA
Site Address: 7907 Thunderbird Trail East, Eveleth, MN 55734
Parcel IDs: 340-0010-03220
Property Type: Vacant/Municipal
Property Owner: City of Eveleth
Current Use: Vacant, however used as a gravel pit for municipal projects as needed.
Ranking Rationale: Evidence of potential dumping of materials such as white goods or electronics that may contain regulated materials and potential lead contamination from illegal shooting. No records of spills or other items of environmental concern.



Figure # 4

Site Summary: The Property previously operated as a gravel pit since at least the 1940s through the early 1970s, after which the Property appeared to gradually revegetate. Bullet casings have been found on the Property, with lead bullets likely located in the excavation pit banks. Potential dumping of white goods or electronics that possibly contain regulated materials may have occurred on the Property. These are not necessarily RECs, but they are concerns for the property.

Site Photographs



1940 Aerial from EDR



1951 Topograph from EDR

Site Description Data

Site #

1

	
1961 Aerial from EDR	2017 Aerial from EDR

Historical Summary

Year	Use	Source
1940	The Property appeared to be vacant land covered by forest, improved with a trail trending NW – SE terminating at a gravel pit, partially present on the Property, across the central portion of the Property. St. Mary’s Lake is visible in the NE corner of the Property. The Property is adjoined by Thunderbird Trail East to the south.	Aerial photographs, topographic maps
1948-1953	The trail appears to widen in 1948 and 1953, terminating at a small clearing in the northwest corner of the Property.	Aerial photographs
1961	The majority of the forest on the Property appears to be cleared, with the exception of the wooded area bordering St. Mary’s Lake. Aggregate piles are visible throughout the center of the Property. No other changes are visible on the Property.	Aerial photographs
1972-1981	Tree regrowth appears along the western side and central portion of the Property adjoining TH 53 ROW, first visible in 1972.	Aerial photographs
1989-1991	The Property appears to have additional clearing of the forested area in the north and southwest portions of the Property.	Aerial photographs
2006-2017	Tree regrowth appears around the perimeter of the large disturbed area in the central portion of the Property. The large are of disturbance area appears to be related to possible ATV trails.	Aerial photographs

Site Reconnaissance

Evidence of the following:	Site Reconnaissance		Other lines of Evidence	
	YES	NO	YES	NO
Current Structures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Demolished/Removed Structures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Site Description Data

Site #

1

Evidence of the following:	Site Reconnaissance		Other lines of Evidence	
	YES	NO	YES	NO
Tanks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unidentified containers (drums, cylinders, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wells	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Septic System or cistern	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Use/Storage/Disposal of Petroleum Products or Hazardous Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dumping, Landfilling, or Non-native Fill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spill or Release	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpaved roads/paths with no outlet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Outdoor Storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Surface Water Features	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Stained Soil or stressed vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PCB containing equipment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Poor Housekeeping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Past Structure Use or Property Ownership	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Description of observations and other lines of evidence
(ie. Tank size/location/contents, Number & location of drums, etc.)

The Property is vacant with a snowmobile/all-terrain vehicle (ATV) trail running north-south along the western edge of the Property between the Property and TH 53. Thunderbird Trail East provides access to the Property from the south and TH 53 provide access to the Property from the west.

Bay West observed evidence of extensive ATV usage within and around the open gravel pit portion of the Property in the form of ATV tracks in the snow, and an established trail system in the woods around the pit.

Bay West did observe two pieces of a potential tank on the ground surface along the ATV trail east of the open gravel pit portion of the Property. The size and historic use of the tank could not be determined. Two pole-mounted transformers were observed in the city right-of-way along Thunderbird Trail East south of the Property. Stickers indicating whether the transformers contained PCBs were not observable during the site reconnaissance. No staining of vegetation was observed at the time of the site reconnaissance.

Bay West observed indications of waste disposal on the Property at the time of the site reconnaissance. One location in the woods north of the open gravel pit had an appliance pile that contained items such as an oven/range, a microwave, a dehumidifier, an air conditioner, and speakers. Bay West also observed concrete blocks, a dinner plate, charred wood, and an empty wooden box near the appliance pile. Two locations contained neatly centralized general trash (i.e. beer cans, cigarette packs, and sports drink bottles) including garbage cans and bags. One of these locations was observed at an apparent boat landing along the ATV trail on the shore of St. Mary's Lake in the northeast corner of the Property. The other was within the gravel pit in the central portion of the Property. Other individual items (i.e. old fuel can, laundry basket, box spring, tires) were also observed in different locations in the woods and in the gravel pit on the Property.

Bay West did not observe indications of wastewater discharges on the Property at the time of the site reconnaissance; however, wastewater discharge infrastructure was observed. A sanitary sewer lift station was observed in the south right-of-way of Thunderbird Trail E located south of the Property. A sign denoting a sewer manhole was observed near the eastern edge of the Property just south of the shore of St. Mary's Lake.

Site Description Data

Site #

1

Regulatory Review

Not Identified on Any Database

Check if Identified	Database	Comments
<input type="checkbox"/>	MDH MWI Well	
<input type="checkbox"/>	AST	
<input type="checkbox"/>	Brownfields	
<input type="checkbox"/>	LAST	
<input type="checkbox"/>	LUST	
<input type="checkbox"/>	NPL/CERCLIS	
<input type="checkbox"/>	Permanent List of Priorities (PLP)	
<input type="checkbox"/>	SPILLS	
<input type="checkbox"/>	Solid Waste/Landfills (SWF/LF)	
<input type="checkbox"/>	Superfund (SHWS)	
<input type="checkbox"/>	UST	
<input type="checkbox"/>	VIC	
<input type="checkbox"/>	Other (List)	

Regulatory File Reviewed: Yes No

Appendix B

Aerial Photographs



TZ90169

Not Reported

Eveleth, MN 55734

Inquiry Number: 5480395.18

November 12, 2018

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

11/12/18

Site Name:

TZ90169
Not Reported
Eveleth, MN 55734
EDR Inquiry # 5480395.18

Client Name:

Bay West, Inc.
5 Empire Drive
St. Paul, MN 55103
Contact: Erik Nimlos



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1991	1"=500'	Acquisition Date: May 14, 1991	USGS/DOQQ
1989	1"=500'	Flight Date: September 14, 1989	St Louis
1981	1"=500'	Flight Date: June 30, 1981	St Louis
1972	1"=500'	Flight Date: September 05, 1972	St Louis
1961	1"=500'	Flight Date: July 07, 1961	FS
1953	1"=500'	Flight Date: September 28, 1953	USGS
1948	1"=500'	Flight Date: September 01, 1948	FS
1940	1"=500'	Flight Date: July 18, 1940	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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INQUIRY #: 5480395.18

YEAR: 2017

— = 500'





INQUIRY #: 5480395.18

YEAR: 2013

— = 500'





INQUIRY #: 5480395.18

YEAR: 2010

— = 500'





INQUIRY # 5480395.18

YEAR: 2006

— = 500'





INQUIRY #: 5480395.18

YEAR: 1991

— = 500'





INQUIRY #: 5480395.18

YEAR: 1989

— = 500'





INQUIRY # 5480395.18

YEAR: 1981

— = 500'



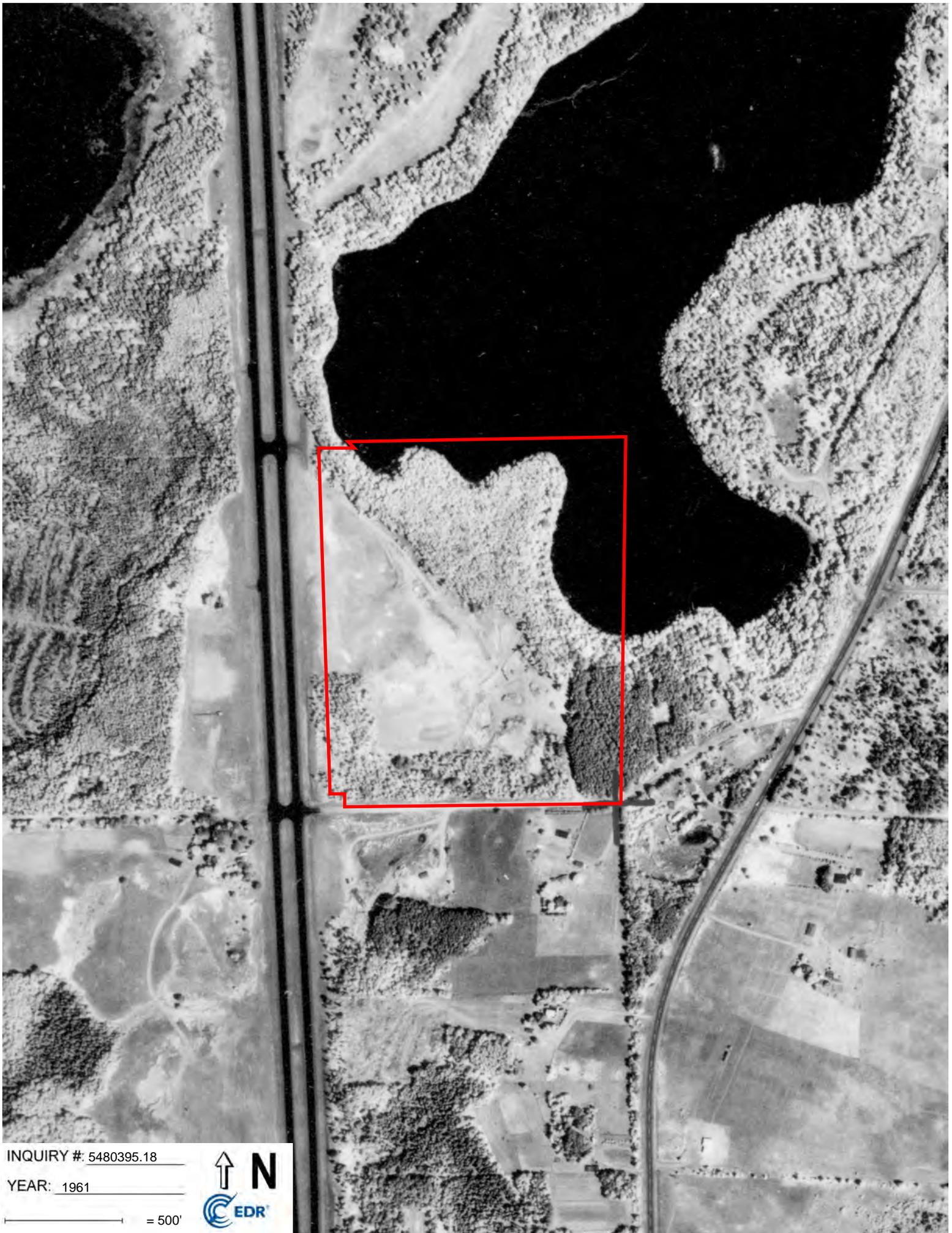


INQUIRY #: 5480395.18

YEAR: 1972

— = 500'





INQUIRY # 5480395.18

YEAR: 1961

— = 500'





INQUIRY #: 5480395.18

YEAR: 1953

— = 500'





INQUIRY #: 5480395.18

YEAR: 1948

— = 500'





INQUIRY #: 5480395.18

YEAR: 1940

— = 500'



Appendix C

Sanborn Fire Insurance Maps (No Coverage Letter)

TZ90169

Not Reported

Eveleth, MN 55734

Inquiry Number: 5480395.12

November 09, 2018

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

11/09/18

Site Name:

TZ90169
Not Reported
Eveleth, MN 55734
EDR Inquiry # 5480395.12

Client Name:

Bay West, Inc.
5 Empire Drive
St. Paul, MN 55103
Contact: Erik Nimlos



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Bay West, Inc. 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 # 43F0-4DB1-ADFC
PO # 202661
Project J180892

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 #: 43F0-4DB1-ADFC

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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Appendix D

Historical Topographic Maps

TZ90169

Not Reported

Eveleth, MN 55734

Inquiry Number: 5480395.13

November 09, 2018

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

11/09/18

Site Name:

TZ90169
Not Reported
Eveleth, MN 55734
EDR Inquiry # 5480395.13

Client Name:

Bay West, Inc.
5 Empire Drive
St. Paul, MN 55103
Contact: Erik Nimlos



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

Search Results:**Coordinates:**

P.O.#	202661	Latitude:	47.418222 47° 25' 6" North
Project:	J180892	Longitude:	-92.518568 -92° 31' 7" West
		UTM Zone:	Zone 15 North
		UTM X Meters:	536314.53
		UTM Y Meters:	5251753.65
		Elevation:	1402.20' above sea level

Maps Provided:

2013
1983
1969
1951

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Topo Sheet Key

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

2013 Source Sheets



Gilbert
2013
7.5-minute, 24000



Eveleth
2013
7.5-minute, 24000

1983 Source Sheets



Eveleth
1983
7.5-minute, 24000
Aerial Photo Revised 1981

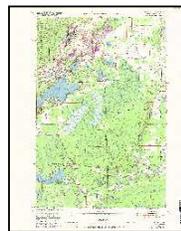
1969 Source Sheets



Gilbert
1969
7.5-minute, 24000
Aerial Photo Revised 1969

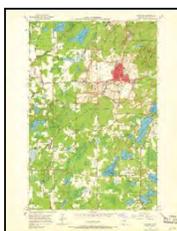


Eveleth
1969
7.5-minute, 24000
Aerial Photo Revised 1969



GILBERT
1969
7.5-minute, 24000

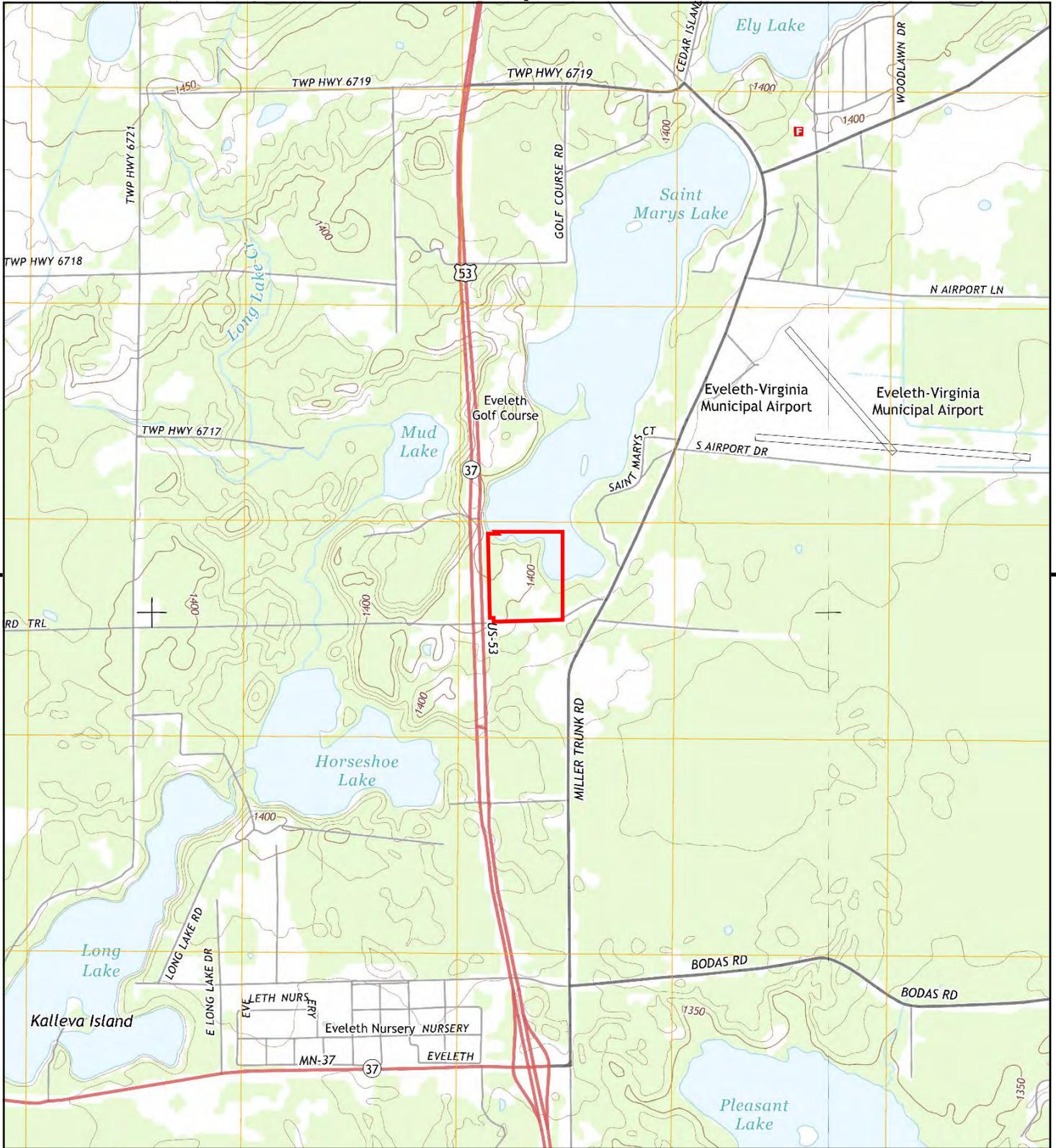
1951 Source Sheets



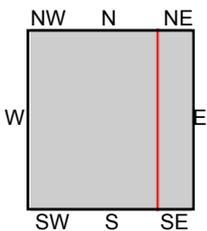
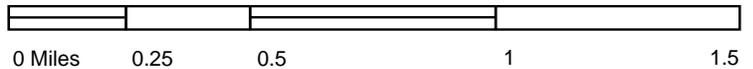
Eveleth
1951
7.5-minute, 24000
Aerial Photo Revised 1950



Gilbert
1951
7.5-minute, 24000
Aerial Photo Revised 1950



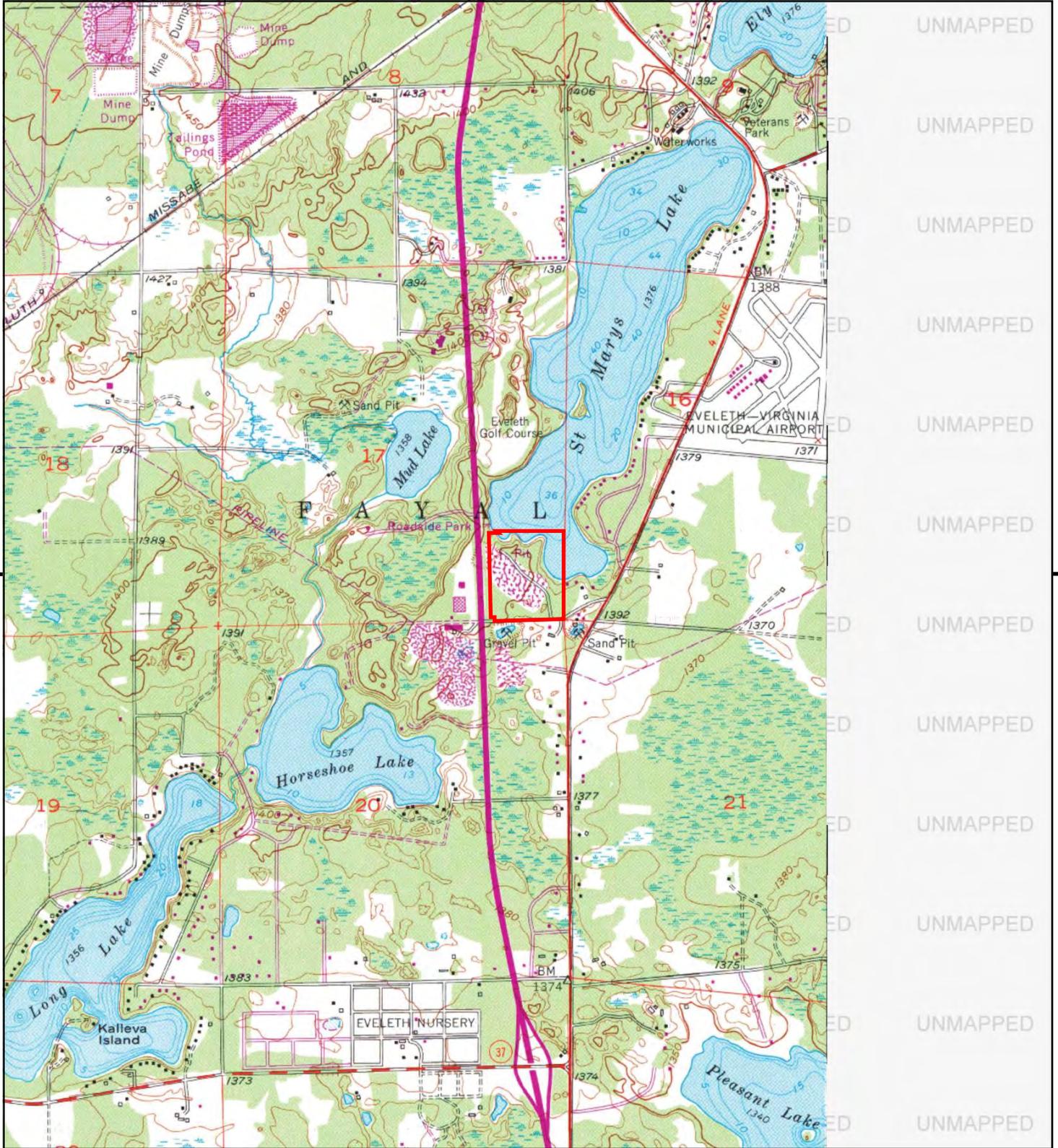
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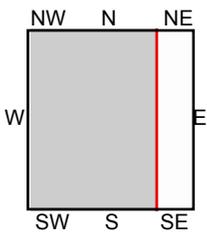
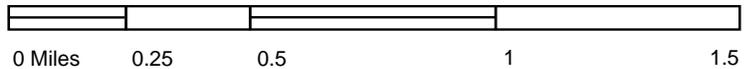
TP, Eveleth, 2013, 7.5-minute
E, Gilbert, 2013, 7.5-minute

SITE NAME: TZ90169
ADDRESS: Not Reported
Eveleth, MN 55734
CLIENT: Bay West, Inc.





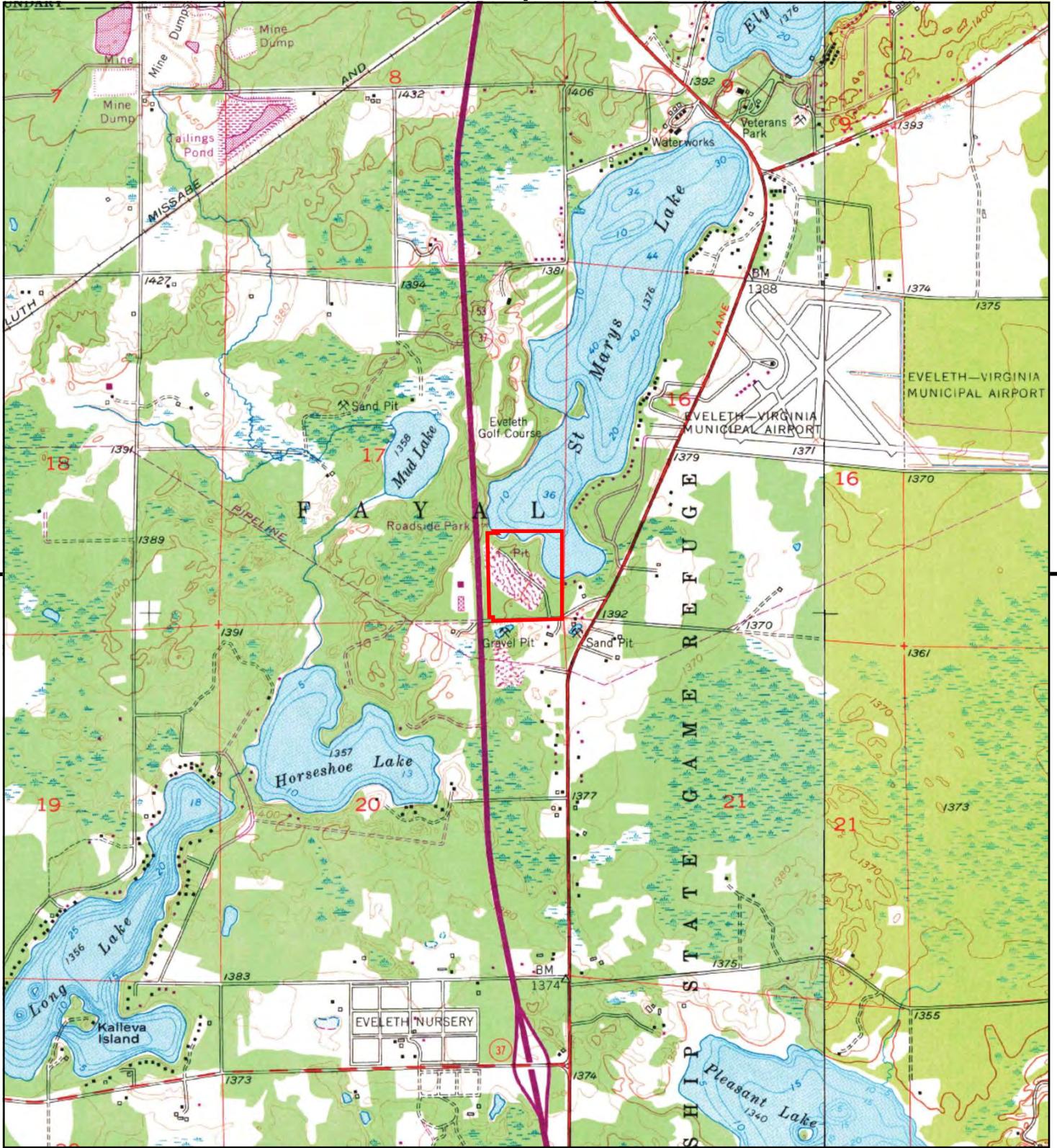
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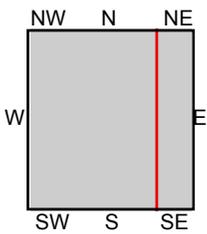
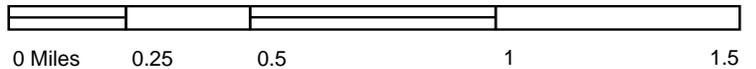
TP, Eveleth, 1983, 7.5-minute

SITE NAME: TZ90169
 ADDRESS: Not Reported
 Eveleth, MN 55734
 CLIENT: Bay West, Inc.





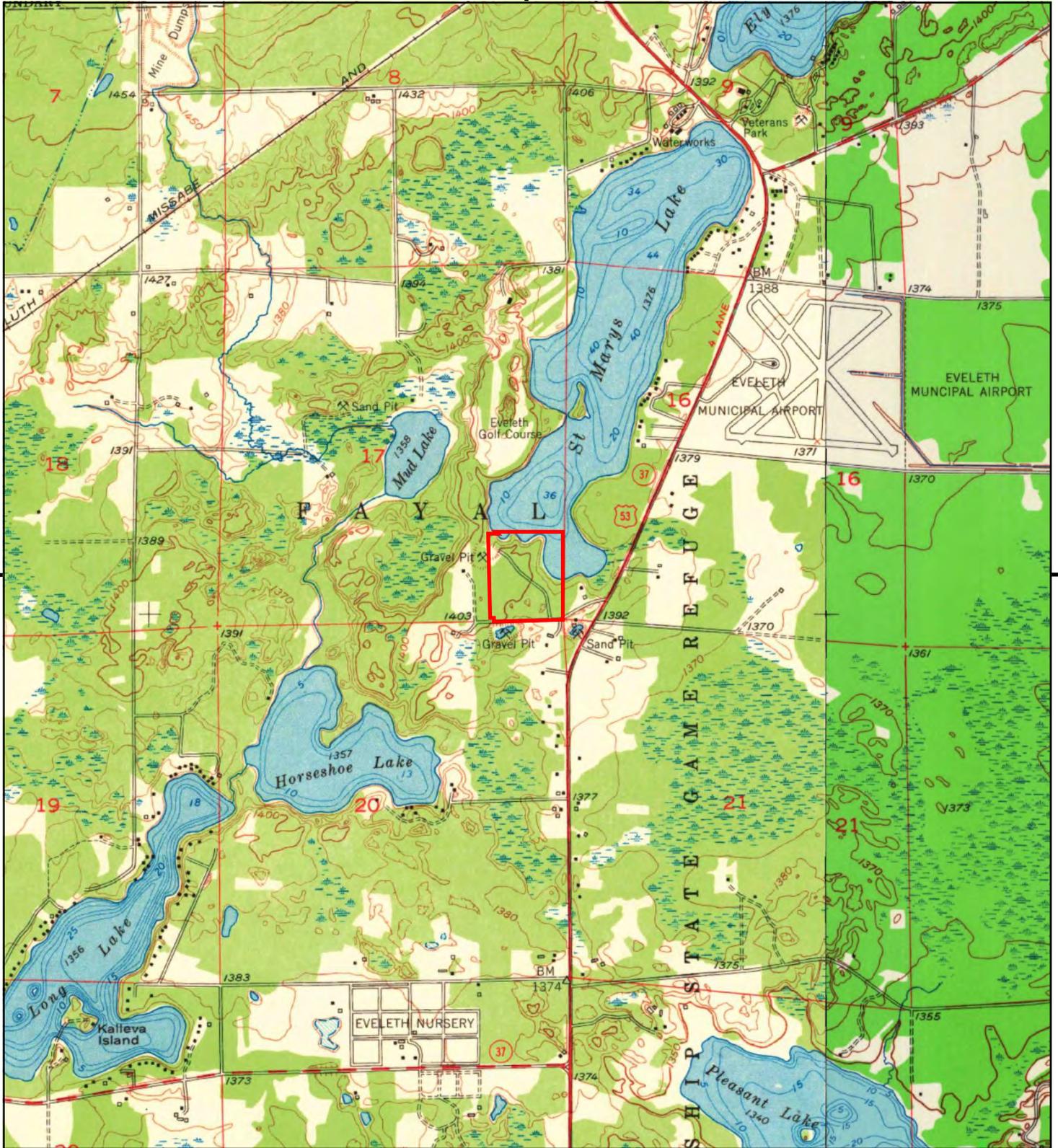
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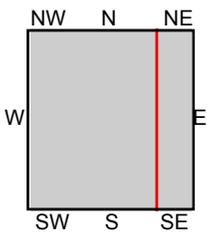
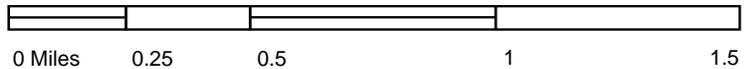
TP, Eveleth, 1969, 7.5-minute
 E, Gilbert, 1969, 7.5-minute
 E, GILBERT, 1969, 7.5-minute

SITE NAME: TZ90169
 ADDRESS: Not Reported
 Eveleth, MN 55734
 CLIENT: Bay West, Inc.





This report includes information from the following map sheet(s).



TP, Eveleth, 1951, 7.5-minute
E, Gilbert, 1951, 7.5-minute

SITE NAME: TZ90169
ADDRESS: Not Reported
Eveleth, MN 55734
CLIENT: Bay West, Inc.



Appendix E

City Directories

TZ90169

Not Reported
Eveleth, MN 55734

Inquiry Number: 5480395.14
November 21, 2018

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

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

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Data by

infoUSA[®]

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RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1988	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1983	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1978	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1973	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1968	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1963	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

FINDINGS

TARGET PROPERTY STREET

Not Reported
Eveleth, MN 55734

No Addresses Found

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<u>HIGHWAY 53</u>			
2014	pg. A1	EDR Digital Archive	
2010	pg. A3	EDR Digital Archive	
2005	pg. A5	EDR Digital Archive	
2000	-	EDR Digital Archive	Target and Adjoining not listed in Source
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1988	-	Polk's City Directory	Street not listed in Source
1983	-	Polk's City Directory	Street not listed in Source
1978	-	Polk's City Directory	Street not listed in Source
1973	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source

THUNDERBIRD TRL E

2014	pg. A2	EDR Digital Archive	
2010	pg. A4	EDR Digital Archive	
2005	pg. A6	EDR Digital Archive	
2000	-	EDR Digital Archive	Target and Adjoining not listed in Source
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1988	-	Polk's City Directory	Street not listed in Source
1983	-	Polk's City Directory	Street not listed in Source
1978	-	Polk's City Directory	Street not listed in Source
1973	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source

City Directory Images

HIGHWAY 53 2014

1039	SANTERAMO, LAWRENCE
1923	PATE, JEFF
1995	OCCUPANT UNKNOWN,
1997	OCCUPANT UNKNOWN,
2121	ERJAVEC, KYLE
2257	OCCUPANT UNKNOWN,
2302	HAYDEN, CLARK
	RANGE PODIATRIC CARE PA
2303	HILL, AMANDA A
	HILLS BROS ELECTRIC
2546	PIKE, DAVID A
2702	TRANSPORTATION MINNESOTA DEPT
3053	KORPI, RICK A
3092	REED, ROBERT M
3093	OCCUPANT UNKNOWN,
3094	PENONCELLO, GERALD L
3096	CAPLE, WESLEY R
3097	OCCUPANT UNKNOWN,
3106	GREENLY, DOROTHY P
3110	PETERSON, DONALD E
3118	LARSON WILLIAM C JR
	LARSON, WILLIAM C
3122	OCCUPANT UNKNOWN,
3128	BUGGERT, CHAD W
3130	JUVRUD, JERRY E
3142	WARWAS, MICHAEL D
3145	KOWALESKI, MARTIN D
3318	YOUNGBERG, DAVID W
3321	ANGLIN, DAVID
3358	SAUKKO, OLIVER H
3365	GREGORICH, ROBERT P
	MUSTER, ROBERT J
3417	GONZALAS, JUSTIN
3477	BURIA, JAMES M
3504	NELSON KEITH
3574	HEARDING, JOHN H
3578	OCCUPANT UNKNOWN,
3637	PREBICH RICHARD E
	PREBICH, RICHARD E
3643	FLOREY, JAMES B
3651	SALIN, BRUCE C
3691	SANTERAMO, WILLIAM C
4097	WOODLINE MANUFACTURING INC
4111	INDUSTRIAL MAINT SVCS INC
4261	IRON RANGE RESOURCES & REHAB
	IRON RANGE VENTURES
4323	MALENIUS, GARY L

THUNDERBIRD TRL E 2014

7859 CHRIS VEST AUTOMOTIVE INC
7863 SABETTI, JOHN M
7866 MAKI, MARLENE M
7885 VEST, CHRIS E
7887 SCHLOSSIN, CRAIG M
7900 OCCUPANT UNKNOWN,
7902 LANE, RONALD T
7916 VINCENT, DEAN M
7924 HOCEVAR, RONALD J
7930 BERTUCCI, PAUL J

HIGHWAY 53 2010

1039	HALL, MICHAEL SANTERAMO, WILLIAM C
1923	ERJAVEC, RUSSELL A
2093	WUDINICH, SUSAN L
2121	ERJAVEC, KYLE
2302	GARNER, JOHN T RANGE PODIATRIC CARE PA
2546	PIKE, DAVID A
2643	MARTIN, KATHLEEN J
2655	HIGGINS, BILL J
2702	TRANSPORTATION MINNESOTA DEPT
3053	KORPI, RICK A
3092	BOB REED RACING REED, ROBERT M
3106	GREENLY, DOROTHY P
3110	PETERSON, DONALD E
3122	THIEL JOSHUA
3128	BUGGERT, CHAD W
3130	JUVRUD JERRY E JUVRUD, JERRY E
3142	WARWAS, MICHAEL D
3145	KOWALESKI, MARTIN D
3318	BAZOOMES HOLDINGS INC SUNDQUIST TONIA SUNDQUIST, ERIK M
3321	KRUSE, ED J
3358	SAUKKO, OLIVER H
3365	GREGORICH, ROBERT P
3417	GONZALAS, JUSTIN
3477	BURIA, JAMES M
3504	NELSON KEITH
3574	HEARDING, JOHN H
3578	WENZ, GARY L
3637	PREBICH RICHARD E PREBICH, RICHARD E
3643	FLOREY, JAMES B
3651	SALIN, MARVIN W
3691	BASTIANELLI, EDWARD G HOLCOMB, KARI PASSI, WILLIAM ROSEBUSH, JEFFREY A SAPP, SCOTT R
4097	WOODLINE MANUFACTURING INC
4111	INDUSTRIAL MAINT SVCS INC
4261	IRON RANGE RESOURCES & REHAB IRON RANGE VENTURES
4323	MALENIUS, GARY L

THUNDERBIRD TRL E 2010

7859 CHRIS VEST AUTOMOTIVE INC
7863 SABETTI, CONSTANCE J
7866 MAKI, MARLENE M
7885 VEST, CHRIS E
7887 SCHLOSSIN, CRAIG M
7897 VITO, GERALD P
7902 KOSMACH, BRENDA A
7916 MINNESOTA TROPICS
VINCENT, DEAN M
7924 HOCEVAR, RONALD J

HIGHWAY 53 2005

1039	HALL, MICHAEL
1923	ERJAVEC, RUSSELL A
1995	JOHNSON, RONALD E
1997	CLASEN, MARY A
2093	WUDINICH, JOSEPH T
2121	SCHWANZ, ALVIN H
2257	ANDERSON, KATHRYN L
2302	SEDLER, ROGER W
2524	JOSEPH, JAMES
2546	MARGARET, PIKE J
2604	FLANNIGAN, PATRICK L
2606	FORSMAN, SAMUEL L
2610	CHADWICK, CHRISTOPHER J
2702	TOURIST SERVICE INC
3053	KORPI, RICK
3093	CHEZICK, BRENT
3096	ANDERSON, TIMOTHY J
3106	GREENLY, DOROTHY P
3110	PETERSON, DONALD E
3111	JOLA & SOPP EXCAVATING INC
3122	SODER, B
3128	BUGGERT, CHAD W
3130	JUVRUD JERRY E
	JUVRUD, JERRY E
3145	KOWALESKI, MARTIN D
3318	HANSON, CHRIS A
3321	GWASH, MICHAEL
3358	SAUKKO, DAVID O
3365	GREGORICH, ROBERT P
3477	BURIA, JAMES M
3504	NELSON KEITH
3574	HEARDING, JOHN H
3578	WENZ GARY
	WENZ, GARY L
3637	PREBICH, RICHARD E
3643	FLOREY, JAMES B
3651	SALIN, MARVIN W
3691	HUDSON, WANDA
	RADTKE, KRISTOPHER
	SANTERAMO, LAWRENCE
	SANTERAMO, ROBERT
	WEINZIRL, ARNOLD L
	WELLCOME, DOROTHY
4097	MOUNTAIN LAKE FURNITURE INC
	WOODLINE MANUFACTURING INC
4261	IRON RANGE RESOURCES & REHAB
4323	MALENIUS, GARY L

THUNDERBIRD TRL E 2005

7859	CHRIS VEST AUTOMOTIVE INC
7863	SABETTI, JOHN M
7885	VEST, CHRIS E
7887	SCHLOSSIN, CRAIG M
7897	VITO, GERALD P
7902	KOSMACH, BRENDA
7916	VINCENT, DEAN M

Appendix F

Regulatory Database Report

(provided as separate folder on CD)

TZ90169

Not Reported

Eveleth, MN 55734

Inquiry Number: 05480395.11r

November 09, 2018

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NOT REPORTED
EVELETH, MN 55734

COORDINATES

Latitude (North): 47.4182220 - 47° 25' 5.59"
Longitude (West): 92.5185680 - 92° 31' 6.84"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 536315.6
UTM Y (Meters): 5251535.0
Elevation: 1402 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5961065 EVELETH, MN
Version Date: 2013

East Map: 5958312 GILBERT, MN
Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20151108, 20151022
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 NOT REPORTED
 EVELETH, MN 55734

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	JOLA AND SOPP EXCAVA	HIGHWAY 53 S	LUST, SRS, Financial Assurance	Higher	501, 0.095, West
2	WOODLINE MANUFACTURI	4097 HIGHWAY 53	LUST, SRS, Financial Assurance, MANIFEST, WIMN	Lower	581, 0.110, SW
A3	TUFCO INC	4105 HIGHWAY 53	Financial Assurance, WIMN	Higher	588, 0.111, WSW
4	FAST SNOWMOBILE PROP	3672 MILLER TRUNK RD	LUST, SRS, Financial Assurance, VAPOR, WIMN	Lower	690, 0.131, SSE
B5	YMCA CAMP WARREN	3726 MILLER TRUNK RD	LUST, UST, SRS, Financial Assurance, TIER 2, VAPOR	Lower	719, 0.136, ESE
B6	YMCA CAMP WARREN	3726 MILLER TRUNK RD	Financial Assurance, WIMN	Lower	719, 0.136, ESE
7	WOODLINE MANUFACTURI	4097 HIGHWAY 53	UST	Lower	897, 0.170, SW
8	TUFCO INC	4105 HIGHWAY 53	UST	Lower	938, 0.178, WSW
C9	CENTRAL LAKES MINING	HIGHWAY 53	WIMN	Lower	2355, 0.446, NE
C10	A R I CONTRACTING	HIGHWAY 53 N INDUSTR	RCRA NonGen / NLR, WIMN	Lower	2355, 0.446, NE
C11	POWER O PEAT	HIGHWAY 53 S	WIMN	Lower	2355, 0.446, NE
C12	AQUA DYNAMICS	PO BOX 280	WIMN	Lower	2355, 0.446, NE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

MN PLP..... Permanent List of Priorities

State- and tribal - equivalent CERCLIS

SHWS..... Superfund Site Information Listing

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

SWF/LF..... Permitted Solid Waste Disposal Facilities

UNPERM LF..... Unpermitted Facilities

LCP..... Closed Landfills Priority List

State and tribal leaking storage tank lists

LAST..... Leaking Aboveground Storage Tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... 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

State and tribal voluntary cleanup sites

VIC..... Voluntary Investigation and Cleanup Program

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields 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

EXECUTIVE SUMMARY

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... Clandestine Drug Labs
MN DEL PLP..... Delisted Permanent List of Priorities
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
AGSPILLS..... Department of Agriculture Spills
SPILLS 90..... SPILLS 90 data from FirstSearch
SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database 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

EXECUTIVE SUMMARY

LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
AGVIC.....	Agricultural Voluntary Investigation & Cleanup 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.....	Financial Assurance Information Listing
MN HWS Permit.....	Active TSD Facilities
LEAD.....	LEAD
MDA LIS.....	Licensing Information System Database Listing
MN LS.....	List of Sites
TIER 2.....	Tier 2 Facility Listing
NPDES.....	Wastewater Permits Listing

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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Minnesota Pollution Control Agency's Leak Sites list.

A review of the LUST list, as provided by EDR, and dated 07/26/2018 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOLA AND SOPP EXCAVA Closed Date: 9/27/2006 Site Id: LS0013117	HIGHWAY 53 S	W 0 - 1/8 (0.095 mi.)	A1	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WOODLINE MANUFACTURI MNPCA ID: 66619306 Closed Date: 9/26/2013 Site Id: LS0019187	4097 HIGHWAY 53	SW 0 - 1/8 (0.110 mi.)	2	11
FAST SNOWMOBILE PROP MNPCA ID: 344748 Closed Date: 5/29/2014 Site Id: LS0016366	3672 MILLER TRUNK RD	SSE 1/8 - 1/4 (0.131 mi.)	4	22
YMCA CAMP WARREN MNPCA ID: 61056258 Closed Date: 7/17/2012 Site Id: LS0018559	3726 MILLER TRUNK RD	ESE 1/8 - 1/4 (0.136 mi.)	B5	29

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Minnesota Pollution Control's Underground Storage Tank File.

A review of the UST list, as provided by EDR, and dated 07/26/2018 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
YMCA CAMP WARREN	3726 MILLER TRUNK RD	ESE 1/8 - 1/4 (0.136 mi.)	B5	29
WOODLINE MANUFACTURI	4097 HIGHWAY 53	SW 1/8 - 1/4 (0.170 mi.)	7	82
TUFCO INC	4105 HIGHWAY 53	WSW 1/8 - 1/4 (0.178 mi.)	8	84

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the SRS list, as provided by EDR, and dated 08/24/2018 has revealed that there are 4 SRS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOLA AND SOPP EXCAVA Facility Id: LS0013117	HIGHWAY 53 S	W 0 - 1/8 (0.095 mi.)	A1	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WOODLINE MANUFACTURI Facility Id: LS0019187	4097 HIGHWAY 53	SW 0 - 1/8 (0.110 mi.)	2	11
FAST SNOWMOBILE PROP Facility Id: LS0016366	3672 MILLER TRUNK RD	SSE 1/8 - 1/4 (0.131 mi.)	4	22
YMCA CAMP WARREN Facility Id: LS0018559	3726 MILLER TRUNK RD	ESE 1/8 - 1/4 (0.136 mi.)	B5	29

Other Ascertainable Records

MANIFEST: Hazardous waste manifest data.

A review of the MANIFEST list, as provided by EDR, and dated 06/30/2016 has revealed that there is 1 MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WOODLINE MANUFACTURI	4097 HIGHWAY 53	SW 0 - 1/8 (0.110 mi.)	2	11

VAPOR: 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.

A review of the VAPOR list, as provided by EDR, and dated 09/07/2018 has revealed that there are 2 VAPOR sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FAST SNOWMOBILE PROP	3672 MILLER TRUNK RD	SSE 1/8 - 1/4 (0.131 mi.)	4	22
YMCA CAMP WARREN	3726 MILLER TRUNK RD	ESE 1/8 - 1/4 (0.136 mi.)	B5	29

EXECUTIVE SUMMARY

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.

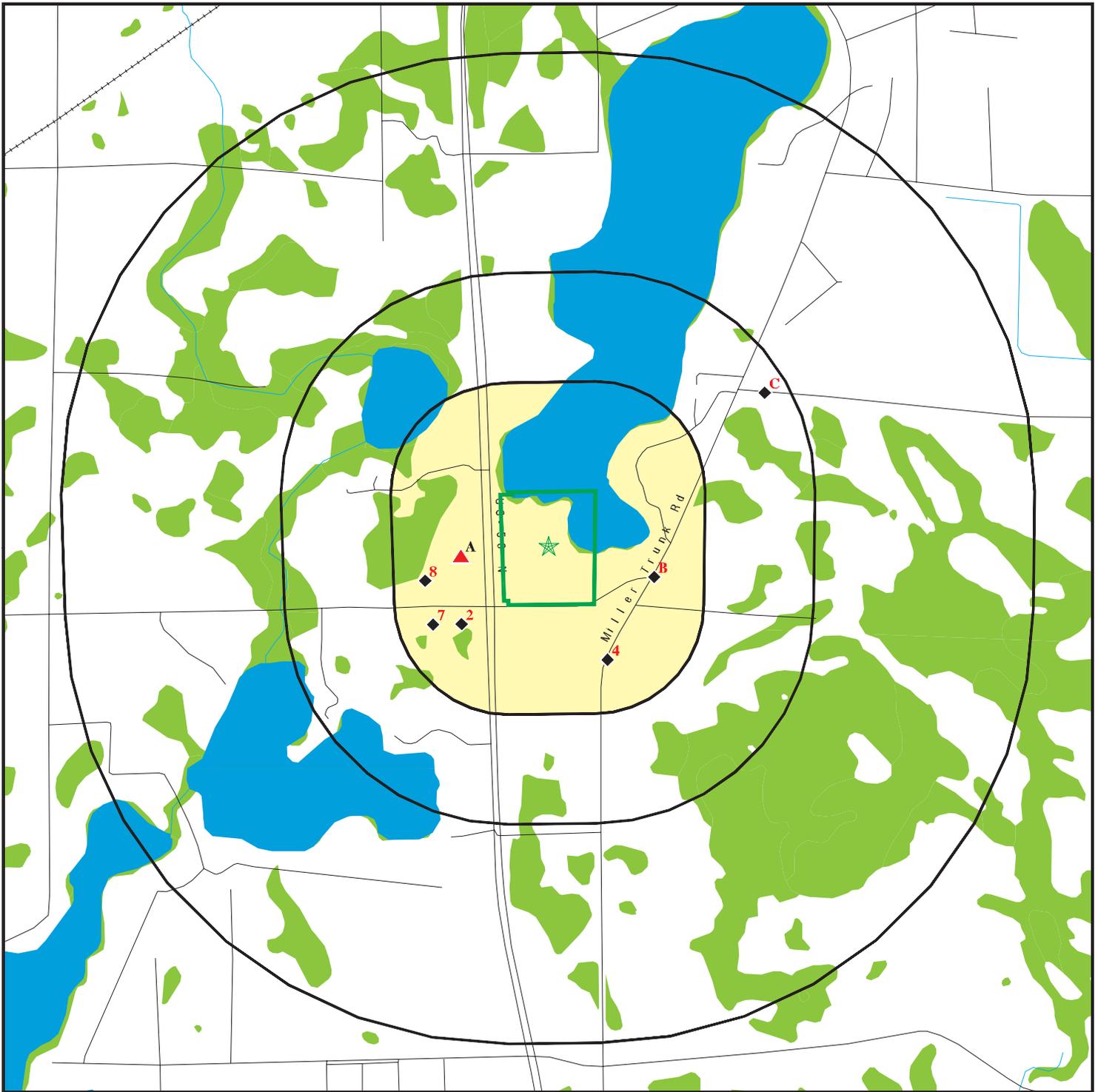
A review of the WIMN list, as provided by EDR, and dated 10/08/2018 has revealed that there are 8 WIMN sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TUFCO INC Status: Y	4105 HIGHWAY 53	WSW 0 - 1/8 (0.111 mi.)	A3	20
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WOODLINE MANUFACTURI Status: Y	4097 HIGHWAY 53	SW 0 - 1/8 (0.110 mi.)	2	11
FAST SNOWMOBILE PROP Status: Y	3672 MILLER TRUNK RD	SSE 1/8 - 1/4 (0.131 mi.)	4	22
YMCA CAMP WARREN Status: Y	3726 MILLER TRUNK RD	ESE 1/8 - 1/4 (0.136 mi.)	B6	79
CENTRAL LAKES MINING Status: N	HIGHWAY 53	NE 1/4 - 1/2 (0.446 mi.)	C9	85
A R I CONTRACTING Status: N	HIGHWAY 53 N INDUSTR	NE 1/4 - 1/2 (0.446 mi.)	C10	86
POWER O PEAT Status: N	HIGHWAY 53 S	NE 1/4 - 1/2 (0.446 mi.)	C11	88
AQUA DYNAMICS Status: N	PO BOX 280	NE 1/4 - 1/2 (0.446 mi.)	C12	90

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 05480395.11R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands



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

SITE NAME: TZ90169
 ADDRESS: Not Reported
 Eveleth MN 55734
 LAT/LONG: 47.418222 / 92.518568

CLIENT: Bay West, Inc.
 CONTACT: Erik Nimlos
 INQUIRY #: 05480395.11r
 DATE: November 09, 2018 12:50 pm

DETAIL MAP - 05480395.11R



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

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands



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

SITE NAME: TZ90169
 ADDRESS: Not Reported
 Eveleth MN 55734
 LAT/LONG: 47.418222 / 92.518568

CLIENT: Bay West, Inc.
 CONTACT: Erik Nimlos
 INQUIRY #: 05480395.11r
 DATE: November 09, 2018 12:53 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
MN PLP	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
UNPERM LF	0.500		0	0	0	NR	NR	0
LCP	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		2	2	0	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	3	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VIC	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
SRS	0.500		2	2	0	NR	NR	4
CDL	0.001		0	NR	NR	NR	NR	0
MN DEL PLP	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
AGSPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS 80	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AGVIC	0.500		0	0	0	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	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	0.250		0	0	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
MN HWS Permit	1.000		0	0	0	0	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
MANIFEST	0.250		1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MDA LIS	0.250		0	0	NR	NR	NR	0
MN LS	0.500		0	0	0	NR	NR	0
TIER 2	0.001		0	NR	NR	NR	NR	0
VAPOR	0.500		0	2	0	NR	NR	2
WIMN	0.500		2	2	4	NR	NR	8
NPDES	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	7	11	4	0	0	22

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1 **JOLA AND SOPP EXCAVATING**
West **HIGHWAY 53 S**
< 1/8 **EVELETH, MN 55734**
0.095 mi.
501 ft. **Site 1 of 2 in cluster A**

LUST **S104738956**
SRS **N/A**
Financial Assurance

Relative:
Higher
Actual:
1405 ft.

LUST:
 Item ID: 14269-AREA000000001
 MNPCA ID: Not reported
 AI ID: 14269
 AI Name: Power O Peat
 Site Type: Leak Site
 Hydro: Jim Pennino (former)
 Project Manager: Gary Zarlino (former)
 Latitude: 47.41794968
 Longitude: -92.52283478
 Coord Collection Method: Digitized-DRG
 Migrated: Not reported
 WIMN: <https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=14269>
 Leak Discovered: 11/8/1999
 Application / Notification Received: Not reported
 Site Listed on PLP: Not reported
 Site Delisted from PLP: Not reported
 Site Listed on NPL: Not reported
 Site Deleted from NPL: Not reported
 Owner: Not reported
 Site Closed: 9/27/2006
 Owner Address: Not reported
 Owner City: Not reported
 Owner State: Not reported
 Owner ZIP: Not reported
 SI Type: Not reported
 Leak Reported: 11/8/1999

SRS:
 Facility ID: LS0013117
 Item ID: 14269-AREA000000001
 AI ID: 14269
 AI Name: Power O Peat
 Facility Type: Leak Site
 Hydro: Jim Pennino (former)
 Project Manager: Gary Zarlino (former)
 Latitude: 47.41794968
 Longitude: -92.52283478
 Coord Collection Method: Digitized-DRG
 Migrated: Not reported
 WIMN: <https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=14269>
 Leak Discovered: 11/08/1999
 Leak Reported: 11/08/1999
 Application / Notification Received: Not reported
 Site Listed on PLP: Not reported
 Site Delisted from PLP: Not reported
 Site Listed on NPL: Not reported
 Site Deleted from NPL: Not reported
 Site Closed: 09/27/2006
 Owner: Not reported
 Owner Address: Not reported
 Owner City: Not reported
 Owner State: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOLA AND SOPP EXCAVATING (Continued)

S104738956

Owner ZIP: Not reported
Acreage: 1
BPET: Not reported
BVIC: Not reported
SEMS: Not reported
UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW19990001
Act Desc: Leak Site Investigation
Status: Closed

MN Financial Assurance 1:

PROGRAM ID: 225489
Township Name: Not reported
Region: 1
Interest Type: Leak Site
ADDR ID: 33827
Interest Telephone: NO CORE PI PH.
Preferred ID: 13117
Interest Start Date: 12/02/1999
Interest End Date: 03/24/2006
Activity Flag: N
TMSP Added: 03/24/2006
TMSP Last Update: 11/10/2014 08:17:05
Staff ID Last Update: RGAGLE
Source: CORE
Source ID: 23827
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 137
Comments: Not reported

PROGRAM ID: 225489
Township Name: Not reported
Region: 1
Interest Type: Deleted Leak Site
ADDR ID: 272455
Interest Telephone: 2187441507
Preferred ID: 13117
Interest Start Date: 12/02/1999
Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 12/04/1999
TMSP Last Update: 03/24/2006 13:06:16
Staff ID Last Update: RSUCHAN
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: None
FIPS County Code: 137
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOLA AND SOPP EXCAVATING (Continued)

S104738956

Latitude Longitude:
Program Id: 225489
Lat/Long ID: 1
Latitude Degrees: 47
Latitude Minutes: 25
Latitude Seconds: 4.62235933
Longitude Degrees: -92
Longitude Minutes: 31
Longitude Seconds: 22.20173816
Collection Date: 09/26/2006 00:00:00
Lat/Long Description: Site Center
TMSP Added: 09/26/2006 07:22:42
TMSP Last Update: 09/26/2006 07:22:42
Staff ID Last Update: GZARLIN
Coord Source Type: 2
Org Name Source: Gary Zarling
Coord Coll Meth: I1
Map Scale Code: B
Source: TALES
Site ID: 23827
Spatial ID: 51071269

Program Id: 225489
Lat/Long ID: 34929
Latitude Degrees: 47
Latitude Minutes: 25
Latitude Seconds: 23.99
Longitude Degrees: -92
Longitude Minutes: 30
Longitude Seconds: 29.05
Collection Date: 08/08/2000 00:00:00
Lat/Long Description: Not reported
TMSP Added: 08/28/2000 10:31:24
TMSP Last Update: 07/14/2004 22:02:18
Staff ID Last Update: jbeauma
Coord Source Type: 2
Org Name Source: MPCA
Coord Coll Meth: A1
Map Scale Code: E
Source: CORE
Site ID: 23827
Spatial ID: 51071269

Staff Name:
Program Id: 225489
Staff Sequence ID: 9197
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 12/04/1999 14:04:05
TMSP Last Update: 01/20/2012 10:39:35
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: RRS
Staff ID Number: 3433

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOLA AND SOPP EXCAVATING (Continued)

S104738956

Program Id: 225489
 Staff Sequence ID: 29279
 Staff Type: Not reported
 Staff Name: Not reported
 TMSP Added: 06/05/2002 12:23:09
 TMSP Last Update: 01/20/2012 10:39:37
 Staff ID Last Update: RSUCHAN
 Last Name: Not reported
 First Name: Not reported
 Middle Initial: Not reported
 Functional Area Code: HYD
 Staff ID Number: 3371

Program Id: 225489
 Staff Sequence ID: 24500
 Staff Type: Not reported
 Staff Name: Not reported
 TMSP Added: 12/04/1999 14:04:21
 TMSP Last Update: 01/20/2012 10:39:37
 Staff ID Last Update: RSUCHAN
 Last Name: Not reported
 First Name: Not reported
 Middle Initial: Not reported
 Functional Area Code: LPM
 Staff ID Number: 3451

2
SW
< 1/8
0.110 mi.
581 ft.

WOODLINE MANUFACTURING INC
4097 HIGHWAY 53
EVELETH, MN 55734

LUST
SRS
Financial Assurance
MANIFEST
WIMN

S111411672
N/A

Relative:
Lower
Actual:
1393 ft.

LUST:
 Item ID: 4176-AREA0000000001
 MNPCA ID: 66619306
 AI ID: 4176
 AI Name: Woodline Manufacturing Inc
 Site Type: Leak Site
 Hydro: Not reported
 Project Manager: Brittney Schuller (former)
 Latitude: 47.41569962
 Longitude: -92.52279417
 Coord Collection Method: Digitized - MPCA internal mapping application
 Migrated: Not reported
 WIMN: <https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4176>
 Leak Discovered: 7/30/2013
 Application / Notification Received: Not reported
 Site Listed on PLP: Not reported
 Site Delisted from PLP: Not reported
 Site Listed on NPL: Not reported
 Site Deleted from NPL: Not reported
 Owner: Woodline Manufacturing
 Site Closed: 9/26/2013
 Owner Address: 4097 Highway 53
 Owner City: Eveleth
 Owner State: MN
 Owner ZIP: 55734

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

S111411672

SI Type: Underground Storage Tank System
Leak Reported: 7/30/2013

LUST:
Program IN: 66619306
Facility Address 2: Not reported
State Code: MN
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
Leak ID: 19187
Township Name: Fayal
Addr ID: 19464
Active Flag: N
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 07/30/2013 00:00:00
Interest End Date: 09/26/2013 16:06:45
Source: CORE
Site ID: 9000
Leak Site: 1
File Archive Box: Not reported
File Archive Lot: Not reported
Soil Digout Date: Not reported
Cubic Yards Excavated: Not reported
Cond Closure Date: Not reported
Complete Site Closure Date: 09/26/2013 00:00:00
Contaminated Soils Remaining: U
Enforcement Action Begin Date: 08/02/2013
Last Trust Eligible: N
Offsite Contamination: U
Reimbursement Awarded: N
Release Discovered Date: 07/30/2013
Leak Reported Date: 07/30/2013
Std Letter Response Date: Not reported
Surface Water Impact: U
Utility Project Flag: N
TMSP Added: 07/30/2013 16:37:16
TMSP Last Update: 12/23/2013 09:58:31
Staff ID Last Update: BSCHULL
Release From LAST: N
Release From LUST: Y
Tank Registration Status Code: F
VPIC Application Date: Not reported
VPIC Acres: Not reported
Vapor Intrusion Checked Flag: Y
Soil Gas Data Collected Flag: N
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LUST:
MN PCA ID: 66619306

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

S111411672

Dw Supply Contam: 1
Free Product Observed: 1
Free Product Thickness: Not reported
Ground Water Contam: 1
GW Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: 1
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 09/26/2013 16:06:45
TMSP Last Update: 09/26/2013 16:06:45
Staff Id Last Update: BSCHULL
Mtbe Present Now: 1
Mtbe Present Historically: 1
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: N
Staff Id Ass: 5633
PWS Well: N
Prot Flag: N
Sens Flag: N

LUST:

MN PCA ID: 66619306
Prod Released Sequence Id: 157692
Leak Product: 1
Tmsp Added: 07/30/2013 16:37:16
Tmsp Last_updt: 07/30/2013 16:37:16
Staff Id Last Updt: BSCHULL

MN PCA ID: 66619306
Prod Released Sequence Id: 157693
Leak Product: 1
Tmsp Added: 07/30/2013 16:37:16
Tmsp Last_updt: 07/30/2013 16:37:16
Staff Id Last Updt: BSCHULL

SRS:

Facility ID: LS0019187
Item ID: 4176-AREA0000000001
AI ID: 4176
AI Name: Woodline Manufacturing Inc
Facility Type: Leak Site
Hydro: Not reported
Project Manager: Brittney Schuller (former)
Latitude: 47.41569962
Longitude: -92.52279417
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Not reported
WIMN: <https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4176>
Leak Discovered: 07/30/2013
Leak Reported: 07/30/2013
Application / Notification Received: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

S111411672

Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 09/26/2013
Owner: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner ZIP: Not reported
Acreage: Not reported
BPET: Not reported
BVIC: Not reported
SEMS: Not reported
UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW20130001
Act Desc: Leak Site Investigation
Status: Closed

MN Financial Assurance 1:

PROGRAM ID: 194540
Township Name: Fayal
Region: 1
Interest Type: Tank site
ADDR ID: 19464
Interest Telephone: NO CORE PI PH.
Preferred ID: 5149
Interest Start Date: 07/23/1992
Interest End Date: Not reported
Activity Flag: Y
TMSP Added: 03/24/2006
TMSP Last Update: 07/30/2013 16:32:20
Staff ID Last Update: BSCHULL
Source: CORE
Source ID: 9000
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 137
Comments: Not reported

PROGRAM ID: 66619306
Township Name: Fayal
Region: 1
Interest Type: Leak Site
ADDR ID: 19464
Interest Telephone: NO CORE PI PH.
Preferred ID: 19187
Interest Start Date: 07/30/2013
Interest End Date: 09/26/2013
Activity Flag: N
TMSP Added: 07/30/2013
TMSP Last Update: 11/10/2014 08:17:06
Staff ID Last Update: RGAGLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

S111411672

Source: CORE
Source ID: 9000
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 137
Comments: Not reported

Latitude Longitude:

Program Id: 194540
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Main Site Building
TMSP Added: 04/25/2010 15:15:44
TMSP Last Update: 09/26/2013 15:15:27
Staff ID Last Update: SFRYE
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 9000
Spatial ID: 51067113

Program Id: 194540
Lat/Long ID: 69143
Latitude Degrees: 47
Latitude Minutes: 24
Latitude Seconds: 56.51
Longitude Degrees: -92
Longitude Minutes: 31
Longitude Seconds: 22.1
Collection Date: 09/26/2013 14:51:13
Lat/Long Description: Site along road used for address match
TMSP Added: 10/24/2001 00:00:00
TMSP Last Update: 09/26/2013 14:51:14
Staff ID Last Update: MAPTOOL
Coord Source Type: 2
Org Name Source: MPCA
Coord Coll Meth: DM
Map Scale Code: N
Source: CORE
Site ID: 9000
Spatial ID: 51067113

Tab Site:

Program Id: 194540
Facility Code: 19
Above or Under Code: 2
Indian Reservation: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

S111411672

Ust Registration Date: 05/14/1986 00:00:00
Ast Registration Date: Not reported
TMSP Added: 07/23/1992 19:11:05
TMSP Last Update: 05/23/2003 09:21:01
Staff ID Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: U
Vapor Notif Required: U

Latitude Longitude:

Program Id: 66619306
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Main Site Building
TMSP Added: 07/31/2013 08:19:33
TMSP Last Update: 09/26/2013 15:13:48
Staff ID Last Update: SFRYE
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 9000
Spatial ID: 66619307

Program Id: 66619306
Lat/Long ID: 69143
Latitude Degrees: 47
Latitude Minutes: 24
Latitude Seconds: 56.51
Longitude Degrees: -92
Longitude Minutes: 31
Longitude Seconds: 22.1
Collection Date: 09/26/2013 14:51:13
Lat/Long Description: Site along road used for address match
TMSP Added: 10/24/2001 00:00:00
TMSP Last Update: 09/26/2013 14:51:14
Staff ID Last Update: MAPTOOL
Coord Source Type: 2
Org Name Source: MPCA
Coord Coll Meth: DM
Map Scale Code: N
Source: CORE
Site ID: 9000
Spatial ID: 66619307

Staff Name:

Program Id: 66619306
Staff Sequence ID: 157694

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

S111411672

Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 07/30/2013 16:37:16
TMSP Last Update: 07/30/2013 16:37:16
Staff ID Last Update: BSCHULL
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: LPM
Staff ID Number: 5633

MANIFEST:

Manifest ID: 693659
Generator ID: MNR000079459
Generator AI ID: 4176
Transporter 1 ID: MNT280011586
Transporter 1 AI ID: 4286
Transporter 1 AI Name: OSI Environmental Inc - Eveleth
Transporter 1 Address: 14 County Highway 101
Transporter 1 City: Eveleth
Transporter 1 State: MN
Transporter 1 ZIP: 55734
Transporter 2 ID: Not reported
Transporter 2 AI ID: Not reported
Transporter 2 AI Name: Not reported
Transporter 2 Address: Not reported
Transporter 2 City: Not reported
Transporter 2 State: Not reported
Transporter 2 ZIP: Not reported
TSD ID: IND980590947
TSD AI ID: 33559
TSD AI Name: Industrial Fuels & Resources
TSD Address: 604 S Scott St
TSD City: South Bend
TSD State: IN
TSD Zip: 46601-2822
Gen Copy Recd Date: 8/23/2000 0:00:00
Fac Copy Recd Date: Not reported
Gen Ship Date: 2000-08-21 00:00:00
Trans 1 Recd Date: 2000-08-21 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: Not reported
Comments: Not reported

Contact:

Generator AI ID: 4176
Generator ID: MNR000079459
Generator AI Name: Woodline Manufacturing Inc
Generator Contact: Chris Debevec
Contact Address: 4097 Highway 53
Contact City: Eveleth
Contact State: MN
Contact Zip: 55734
Contact Email: chris@woodlinemfg.com
Contact Phone: 218-744-5966

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

S111411672

NAIC:

Generator AI ID: 4176
Generator ID: MNR000079459
Generator AI Name: Woodline Manufacturing Inc
NAIC Code: 321113
NAIC Desc: 321113 - Sawmills

Detail:

Manifest ID: 693659
Manifest Row: 1
Haz Material Name: WASTE FLAMMABLE LIQUID NOS MINERAL SPIRITS
Haz Class Number: 3
UN NA Number: UN1993
Packing Group Number: III
Container Qty: 1
Container Code: DMML
Waste Qty: 55
Waste Units Code: AD
Waste Code List: D001

Manifest ID: 693659
Manifest Row: 2
Haz Material Name: WASTE CORROSIVE LIQUID ORGANIC NOS FORMALDEHYDE
Haz Class Number: 8
UN NA Number: UN3265
Packing Group Number: III
Container Qty: 2
Container Code: DMML
Waste Qty: 110
Waste Units Code: AD
Waste Code List: D002

Manifest ID: 693659
Manifest Row: 3
Haz Material Name: WASTE FLAMMABLE LIQUID NOS METHANOL
Haz Class Number: 3
UN NA Number: UN1993
Packing Group Number: II
Container Qty: 1
Container Code: DMML
Waste Qty: 55
Waste Units Code: AD
Waste Code List: D001

WIMN:

Status: Y
Latitude: 47.415698900000002
Longitude: -92.522807200000003
Item ID: 4176-AIS10000004176
AI ID: 4176
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 4176
Subject Item Category Description: Agency Interest

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

S111411672

Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	HW; SR; ST; TL
City, Township or Unorganized code:	664152
City, Township or Unorganized Name:	Fayal Township
Congressional District Code:	8
House District:	6B
Senate District:	6
USGS 8-digits:	04010201
USGS 8-digits Name:	St. Louis River
USGS 10-digits:	401020107
USGS 12-digits:	40102010702
USGS 12-digits Name:	Long Lake Creek-Saint Louis River
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	CSLL: Site along road used for address match
Township, Range, Direction, Section QQ:	05717220ba
PLS Township:	57
Range:	17
Range Direction:	W
Section:	20
Quarters:	ba
Collection Method Code:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	07/22/1998
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	6125
Activity:	Multiple Activities
Activity List:	Hazardous Waste; Industrial Stormwater; Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	196438147; LS0019187; MNR000079459; TS0005149
Program List:	Hazardous Waste; Investigation and Cleanup; Stormwater; Tanks
Classification:	Sawmills
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4176
WIMN:	
Legislative District:	5A
Latitude:	47.41569891
Longitude:	-92.52280720
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	St. Louis River
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=9000
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A3
WSW
< 1/8
0.111 mi.
588 ft.

TUFCO INC
4105 HIGHWAY 53
EVELETH, MN 55792

Financial Assurance **S110698059**
WIMN **N/A**

Site 2 of 2 in cluster A

Relative:
Higher
Actual:
1405 ft.

MN Financial Assurance 1:
 PROGRAM ID: 200150
 Township Name: Not reported
 Region: 1
 Interest Type: Tank site
 ADDR ID: 58995421
 Interest Telephone: NO CORE PI PH.
 Preferred ID: 11184
 Interest Start Date: 07/23/1992
 Interest End Date: Not reported
 Activity Flag: Y
 TMSP Added: 08/28/2006
 TMSP Last Update: 12/01/2010 10:56:47
 Staff ID Last Update: JHENRY
 Source: CORE
 Source ID: 213949
 Country Code: USA
 FOR State: Not reported
 FOR Zone: Not reported
 FIPS County Code: 137
 Comments: Not reported

Latitude Longitude:
 Program Id: 200150
 Lat/Long ID: 0
 Latitude Degrees: Not reported
 Latitude Minutes: Not reported
 Latitude Seconds: Not reported
 Longitude Degrees: Not reported
 Longitude Minutes: Not reported
 Longitude Seconds: Not reported
 Collection Date: Not reported
 Lat/Long Description: Not reported
 TMSP Added: 04/25/2010 16:24:49
 TMSP Last Update: 04/25/2010 16:24:49
 Staff ID Last Update: JBRANDO
 Coord Source Type: Not reported
 Org Name Source: Not reported
 Coord Coll Meth: Not reported
 Map Scale Code: Not reported
 Source: TALES
 Site ID: 213949
 Spatial ID: 51370340

Program Id: 200150
 Lat/Long ID: 161044
 Latitude Degrees: 47
 Latitude Minutes: 35
 Latitude Seconds: 55.02
 Longitude Degrees: -92
 Longitude Minutes: 28
 Longitude Seconds: 5.69
 Collection Date: 12/01/2010 18:00:01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUFCO INC (Continued)

S110698059

Lat/Long Description: Not reported
TMSP Added: 03/22/2010 18:28:14
TMSP Last Update: 12/01/2010 18:31:14
Staff ID Last Update: MAPT_NC
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Z1
Map Scale Code: Not reported
Source: CORE
Site ID: 213949
Spatial ID: 51370340

Tab Site:

Program Id: 200150
Facility Code: 19
Above or Under Code: 2
Indian Reservation: N
Ust Registration Date: 02/17/1986 00:00:00
Ast Registration Date: Not reported
TMSP Added: 07/23/1992 19:11:05
TMSP Last Update: 05/23/2003 09:21:02
Staff ID Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: U
Vapor Notif Required: U

WIMN:

Status: Y
Latitude: 47.417350599999999
Longitude: -92.523155360000004
Item ID: 107181-AISI0000107181
AI ID: 107181
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 107181
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Tanks
Program List: TL
City, Township or Unorganized code: 664152
City, Township or Unorganized Name: Fayal Township
Congressional District Code: 8
House District: 6B
Senate District: 6
USGS 8-digits: 04010201
USGS 8-digits Name: St. Louis River
USGS 10-digits: 401020107
USGS 12-digits: 40102010702
USGS 12-digits Name: Long Lake Creek-Saint Louis River
MDH Drinking Water Management Code: Not reported
MDH Drinking Water Management Name: Not reported
Location Description: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TUFCO INC (Continued)

S110698059

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:	G9
Method Description:	GPS - Unknown
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	03/30/2018
Timestamp of Creation:	08/28/2006
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	03/30/2018
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	51370339
Activity:	Underground Tanks
Activity List:	Underground Tanks
MPCA ID:	TS0011184
MPCA List:	TS0011184
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=107181

WIMN:

Legislative District:	6B
Latitude:	47.59861899
Longitude:	-92.46824800
Activity:	Tank Site
MPCA ID:	11184
Major Watershed:	Vermilion River
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=213949
Coordinate Collection Method:	Zip Code Centroid
Status:	Active

4
SSE
1/8-1/4
0.131 mi.
690 ft.

FAST SNOWMOBILE PROPERTY
3672 MILLER TRUNK RD
EVELETH, MN 55734

LUST **S107557367**
SRS **N/A**
Financial Assurance
VAPOR
WIMN

Relative:
Lower
Actual:
1388 ft.

LUST:

Item ID:	193351-AREA0000000001
MNPCA ID:	344748
AI ID:	193351
AI Name:	Fast Snowmobile Property
Site Type:	Leak Site
Hydro:	Audrey Van Cleve (no longer at MPCA)
Project Manager:	Audrey Van Cleve (no longer at MPCA)
Latitude:	47.38408249
Longitude:	-92.51630974
Coord Collection Method:	Digitized - MPCA internal mapping application
Migrated:	Not reported
WIMN:	https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193351
Leak Discovered:	1/27/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAST SNOWMOBILE PROPERTY (Continued)

S107557367

Application / Notification Received:	Not reported
Site Listed on PLP:	Not reported
Site Delisted from PLP:	Not reported
Site Listed on NPL:	Not reported
Site Deleted from NPL:	Not reported
Owner:	Not reported
Site Closed:	5/29/2014
Owner Address:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner ZIP:	Not reported
SI Type:	Not reported
Leak Reported:	1/27/2006
LUST:	
Program IN:	344748
Facility Address 2:	Not reported
State Code:	MN
Country Code:	USA
Foreign State:	Not reported
Foreign Zone:	Not reported
Leak ID:	16366
Township Name:	Whiteface Reservoir
Addr ID:	462181
Active Flag:	N
Interest Type:	LS
Interest Phone:	NO CORE PI PH.
Interest Start Date:	02/01/2006 00:00:00
Interest End Date:	12/02/2011 15:20:56
Source:	CORE
Site ID:	249363
Leak Site:	1
File Archive Box:	Not reported
File Archive Lot:	Not reported
Soil Digout Date:	Not reported
Cubic Yards Excavated:	Not reported
Cond Closure Date:	Not reported
Complete Site Closure Date:	05/29/2014 00:00:00
Contaminated Soils Remaining:	U
Enforcement Action Begin Date:	02/06/2006
Last Trust Eligible:	N
Offsite Contamination:	U
Reimbursement Awarded:	N
Release Discovered Date:	01/27/2006
Leak Reported Date:	01/27/2006
Std Letter Response Date:	03/07/2006
Surface Water Impact:	U
Utility Project Flag:	N
TMSP Added:	02/01/2006 15:05:19
TMSP Last Update:	09/03/2015 17:23:30
Staff ID Last Update:	SFRYE
Release From LAST:	N
Release From LUST:	Y
Tank Registration Status Code:	F
VPIC Application Date:	Not reported
VPIC Acres:	Not reported
Vapor Intrusion Checked Flag:	N
Soil Gas Data Collected Flag:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAST SNOWMOBILE PROPERTY (Continued)

S107557367

Soil Gas Action Level Flag: Y
Sub Slab Sample Collected Flag: N
Indoor Air Collected Flag: N
Vapor Intrusion Action Flag: N
Vapor Intrusion Comments: No utility lines.
Soil Gas Data Comments: In 2010 benz were 6X ISV, 124TMB were 11X ISV next to main bldg. In 2012 benz were 4X ISV, TMBs were 46X indus ISVs. Owner plans to raze this bldg.
Comments: Not reported

LUST:

MN PCA ID: 344748
Dw Supply Contam: 1
Free Product Observed: 1
Free Product Thickness: Not reported
Ground Water Contam: 1
GW Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: 1
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 01/04/2012 14:28:51
TMSP Last Update: 01/23/2014 17:50:03
Staff Id Last Update: AVANCLE
Mtbe Present Now: 1
Mtbe Present Historically: 1
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: N
Staff Id Ass: 7614
PWS Well: N
Prot Flag: N
Sens Flag: N

LUST:

MN PCA ID: 344748
Prod Released Sequence Id: 99453
Leak Product: 1
Tmsp Added: 02/01/2006 15:05:19
Tmsp Last_updt: 02/01/2006 15:05:19
Staff Id Last Updt: SLARSEN

SRS:

Facility ID: LS0016366
Item ID: 193351-AREA0000000001
AI ID: 193351
AI Name: Fast Snowmobile Property
Facility Type: Leak Site
Hydro: Audrey Van Cleve (no longer at MPCA)
Project Manager: Audrey Van Cleve (no longer at MPCA)
Latitude: 47.38408249
Longitude: -92.51630974
Coord Collection Method: Digitized - MPCA internal mapping application

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAST SNOWMOBILE PROPERTY (Continued)

S107557367

Migrated: Not reported
WIMN: <https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193351>
Leak Discovered: 01/27/2006
Leak Reported: 01/27/2006
Application / Notification Received: Not reported
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 05/29/2014
Owner: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner ZIP: Not reported
Acreage: Not reported
BPET: Not reported
BVIC: Not reported
SEMS: Not reported
UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW20060001
Act Desc: Leak Site Investigation
Status: Closed

MN Financial Assurance 1:

PROGRAM ID: 344748
Township Name: Whiteface Reservoir
Region: 1
Interest Type: Leak Site
ADDR ID: 462181
Interest Telephone: NO CORE PI PH.
Preferred ID: 16366
Interest Start Date: 02/01/2006
Interest End Date: 12/02/2011
Activity Flag: N
TMSP Added: 12/06/2006
TMSP Last Update: 11/10/2014 08:17:05
Staff ID Last Update: RGAGLE
Source: CORE
Source ID: 249363
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 137
Comments: Not reported

PROGRAM ID: 344748
Township Name: Not reported
Region: 1
Interest Type: Deleted Leak Site
ADDR ID: 462181
Interest Telephone: Not reported
Preferred ID: 16366
Interest Start Date: 02/01/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAST SNOWMOBILE PROPERTY (Continued)

S107557367

Interest End Date: Not reported
Activity Flag: Not reported
TMSP Added: 02/01/2006
TMSP Last Update: 12/06/2006 07:38:06
Staff ID Last Update: RSUCHAN
Source: TALES
Source ID: 0
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 137
Comments: Not reported

Action Type:

Program Id: 344748
FF Action ID: 122647
FF Action Date: 07/16/2009 00:00:00
FF Action Code: 62
Federal Amount: Not reported
State Amount: Not reported
Superfund Amount: Not reported
TMSP Added: 09/02/2009 07:29:10
TMSP Last Update: 09/02/2009 07:29:10
Staff ID Last Update: MOIE

Program Id: 344748
FF Action ID: 125990
FF Action Date: 12/23/2009 00:00:00
FF Action Code: 50
Federal Amount: Not reported
State Amount: Not reported
Superfund Amount: Not reported
TMSP Added: 01/20/2010 11:59:12
TMSP Last Update: 01/20/2010 11:59:12
Staff ID Last Update: DMILLES

Master:

Program Id: 344748
Date In: 12/23/2009 00:00:00
Date Out: 10/21/2014 00:00:00
Financier Code: 7
FF Status Code: 2
Est Cleanup Amount: 25000
Environmental Lien Date: Not reported
Referral to MCE Date: Not reported
No Cost Recov Memo Date: Not reported
Fin Info Request Date: Not reported
Fin Info Received Date: Not reported
Bankruptcy Date: Not reported
Probate Date: Not reported
Consent Decree Date: Not reported
Consent Rec Settlement Dt: Not reported
Cost Rec Stip Date: Not reported
TMSP Added: 09/02/2009 07:29:10
TMSP Last Update: 10/21/2014 08:31:05
Staff ID Last Update: AVANCLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAST SNOWMOBILE PROPERTY (Continued)

S107557367

Total Spent Amount: 63662.68

Latitude Longitude:
Program Id: 344748
Lat/Long ID: 1
Latitude Degrees: 47
Latitude Minutes: 23
Latitude Seconds: 2.588244
Longitude Degrees: -92
Longitude Minutes: 30
Longitude Seconds: 59.311495
Collection Date: 03/03/2006 00:00:00
Lat/Long Description: Main Site Building
TMSP Added: 03/07/2006 13:08:51
TMSP Last Update: 03/07/2006 13:08:51
Staff ID Last Update: RSUCHAN
Coord Source Type: 2
Org Name Source: Rebecca Gorney
Coord Coll Meth: I2
Map Scale Code: B
Source: TALES
Site ID: 249363
Spatial ID: 51863894

Program Id: 344748
Lat/Long ID: 135334
Latitude Degrees: 47
Latitude Minutes: 23
Latitude Seconds: 2.69
Longitude Degrees: -92
Longitude Minutes: 30
Longitude Seconds: 58.68
Collection Date: 05/17/2013 12:36:29
Lat/Long Description: Not reported
TMSP Added: 12/06/2006 07:38:09
TMSP Last Update: 05/17/2013 12:36:30
Staff ID Last Update: MAPTOOL
Coord Source Type: 2
Org Name Source: Rebecca Gorney
Coord Coll Meth: DM
Map Scale Code: B
Source: CORE
Site ID: 249363
Spatial ID: 51863894

Staff Name:
Program Id: 344748
Staff Sequence ID: 146709
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 11/23/2011 11:25:33
TMSP Last Update: 01/20/2012 10:39:37
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAST SNOWMOBILE PROPERTY (Continued)

S107557367

Functional Area Code: HYD
Staff ID Number: 7614

Program Id: 344748
Staff Sequence ID: 99454
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 02/01/2006 15:05:19
TMSP Last Update: 01/20/2012 10:39:38
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: LPM
Staff ID Number: 7614

VAPOR:

Site ID: LS0016366
Delta Site ID: 193351
WIMN Link: <http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193351>
AI Name: Fast Snowmobile Property
Vapor Concern at Site: Other sites where vapor exceeded standards
Item ID: 193351-AREA0000000001
Site Type: Leak Site
Method Desc: Digitized - MPCA internal mapping application
Latitude: 47.38408249
Longitude: -92.51630974

WIMN:

Status: Y
Latitude: 47.384082399999997
Longitude: -92.516302600000003
Item ID: 193351-AISI0000193351
AI ID: 193351
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 193351
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Investigation and Cleanup
Program List: SR
City, Township or Unorganized code: 664152
City, Township or Unorganized Name: Fayal Township
Congressional District Code: 8
House District: 6B
Senate District: 6
USGS 8-digits: 04010201
USGS 8-digits Name: St. Louis River
USGS 10-digits: 401020107
USGS 12-digits: 40102010702
USGS 12-digits Name: Long Lake Creek-Saint Louis River
MDH Drinking Water Management Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FAST SNOWMOBILE PROPERTY (Continued)

S107557367

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:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	04/25/2016
Timestamp of Creation:	12/06/2006
User Name of Creator:	DELTA_M_R2
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	51863893
Activity:	Petroleum Remediation, Leak Site
Activity List:	Petroleum Remediation, Leak Site
MPCA ID:	LS0016366
MPCA List:	LS0016366
Program List:	Investigation and Cleanup
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=193351

WIMN:

Legislative District:	5A
Latitude:	47.38408246
Longitude:	-92.51630267
Activity:	Leak Site
MPCA ID:	16366
Major Watershed:	St. Louis River
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=249363
Coordinate Collection Method:	Digitized - Map Tool
Status:	Inactive

B5
ESE
1/8-1/4
0.136 mi.
719 ft.

YMCA CAMP WARREN
3726 MILLER TRUNK RD
EVELETH, MN 55734

Site 1 of 2 in cluster B

Relative:
Lower

Actual:
1392 ft.

LUST:

Item ID:	130744-AREA0000000001
MNPCA ID:	61056258
AI ID:	130744
AI Name:	YMCA Camp Warren
Site Type:	Leak Site
Hydro:	Audrey Van Cleve (no longer at MPCA)
Project Manager:	Roberta Wirth-Feeney (former)
Latitude:	47.38841849
Longitude:	-92.50357353
Coord Collection Method:	Digitized - MPCA internal mapping application

LUST **U004185488**
UST **N/A**
SRS

Financial Assurance
TIER 2
VAPOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Migrated: Not reported
WIMN: <https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=130744>
Leak Discovered: 10/6/2011
Application / Notification Received: Not reported
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Owner: Ymca Camp Warren
Site Closed: 7/17/2012
Owner Address: 3726 Miller Trunk Rd
Owner City: Eveleth
Owner State: MN
Owner ZIP: 55734
SI Type: Underground Storage Tank System
Leak Reported: 10/6/2011

LUST:

Program IN: 61056258
Facility Address 2: Not reported
State Code: MN
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
Leak ID: 18559
Township Name: Not reported
Addr ID: 61056254
Active Flag: N
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 10/06/2011 00:00:00
Interest End Date: 03/15/2013 17:10:22
Source: CORE
Site ID: 61056255
Leak Site: 1
File Archive Box: Not reported
File Archive Lot: Not reported
Soil Digout Date: Not reported
Cubic Yards Excavated: Not reported
Cond Closure Date: Not reported
Complete Site Closure Date: 07/17/2012 00:00:00
Contaminated Soils Remaining: Y
Enforcement Action Begin Date: 10/11/2011
Last Trust Eligible: N
Offsite Contamination: N
Reimbursement Awarded: N
Release Discovered Date: 10/06/2011
Leak Reported Date: 10/06/2011
Std Letter Response Date: Not reported
Surface Water Impact: N
Utility Project Flag: N
TMSP Added: 10/06/2011 12:57:58
TMSP Last Update: 03/15/2013 17:10:25
Staff ID Last Update: GZARLIN
Release From LAST: N
Release From LUST: Y
Tank Registration Status Code: F
VPIC Application Date: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

VPIC Acres: Not reported
Vapor Intrusion Checked Flag: N
Soil Gas Data Collected Flag: Y
Soil Gas Action Level Flag: Y
Sub Slab Sample Collected Flag: N
Indoor Air Collected Flag: N
Vapor Intrusion Action Flag: N
Vapor Intrusion Comments: No at-risk utilities
Soil Gas Data Comments: No at-risk receptors, low exceedences.
Comments: Not reported

LUST:

MN PCA ID: 61056258
Dw Supply Contam: 1
Free Product Observed: 1
Free Product Thickness: Not reported
Ground Water Contam: 1
GW Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: 1
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 05/02/2012 16:43:07
TMSP Last Update: 07/17/2012 15:31:19
Staff Id Last Update: RWIRTH
Mtbe Present Now: 1
Mtbe Present Historically: 1
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: N
Staff Id Ass: 7614
PWS Well: N
Prot Flag: N
Sens Flag: N

LUST:

MN PCA ID: 61056258
Prod Released Sequence Id: 145715
Leak Product: 1
Tmsp Added: 10/06/2011 12:57:58
Tmsp Last_updt: 10/06/2011 12:57:58
Staff Id Last Updt: SFRYE

UST:

Item Compartment ID: 130744-EQUI0000000001-
AI ID: 130744
Tank Site ID: TS0125609
Item ID: 130744-EQUI0000000001
SI Type: Underground Storage Tank System
SI Design: 001
SI Description: Not reported
Compartment Number: Not reported
Substance: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Wall Type: Not reported
Overfill Prevention System: Not reported
Install Date: Not reported
Material: Not reported
Status Change Date: Not reported
Tank Status: Not reported
Tanks Contractor: Not reported
Capacity Gallons: Not reported
Longitude: -92.5136011
Latitude: 47.41721872
Coord Collection Method: Address Matching House Number
Owner: Ymca Camp Warren
Owner Address: 3726 Miller Trunk Rd
Owner City: Eveleth
Owner State: MN
Owner Zip: 55734
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=130744-TS0125609&programInterest=TS

Item Compartment ID: 130744-EQUI0000000002-
AI ID: 130744
Tank Site ID: TS0125609
Item ID: 130744-EQUI0000000002
SI Type: Underground Storage Tank System
SI Design: 002
SI Description: Not reported
Compartment Number: Not reported
Substance: Not reported
Wall Type: Not reported
Overfill Prevention System: Not reported
Install Date: Not reported
Material: Not reported
Status Change Date: Not reported
Tank Status: Not reported
Tanks Contractor: Not reported
Capacity Gallons: Not reported
Longitude: -92.5136011
Latitude: 47.41721872
Coord Collection Method: Address Matching House Number
Owner: Ymca Camp Warren
Owner Address: 3726 Miller Trunk Rd
Owner City: Eveleth
Owner State: MN
Owner Zip: 55734
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=130744-TS0125609&programInterest=TS

SRS:

Facility ID: LS0018559
Item ID: 130744-AREA0000000001
AI ID: 130744
AI Name: YMCA Camp Warren
Facility Type: Leak Site
Hydro: Audrey Van Cleve (no longer at MPCA)
Project Manager: Roberta Wirth-Feeny (former)
Latitude: 47.38841849
Longitude: -92.50357353
Coord Collection Method: Digitized - MPCA internal mapping application
Migrated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

WIMN: <https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=130744>
Leak Discovered: 10/06/2011
Leak Reported: 10/06/2011
Application / Notification Received: Not reported
Site Listed on PLP: Not reported
Site Delisted from PLP: Not reported
Site Listed on NPL: Not reported
Site Deleted from NPL: Not reported
Site Closed: 07/17/2012
Owner: Not reported
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner ZIP: Not reported
Acreage: Not reported
BPET: Not reported
BVIC: Not reported
SEMS: Not reported
UNP Dump: Not reported
IC: Not reported
HRS Score: Not reported
Score Year: Not reported
Activity ID: SIW20110001
Act Desc: Leak Site Investigation
Status: Closed

MN Financial Assurance 1:

PROGRAM ID: 61056258
Township Name: Not reported
Region: 1
Interest Type: Leak Site
ADDR ID: 61056254
Interest Telephone: NO CORE PI PH.
Preferred ID: 18559
Interest Start Date: 10/06/2011
Interest End Date: 03/15/2013
Activity Flag: N
TMSP Added: 10/06/2011
TMSP Last Update: 11/10/2014 08:17:06
Staff ID Last Update: RGAGLE
Source: CORE
Source ID: 61056255
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 137
Comments: Not reported

Latitude Longitude:

Program Id: 61056258
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Main Site Building
TMSP Added: 10/10/2011 12:57:32
TMSP Last Update: 07/17/2012 12:17:34
Staff ID Last Update: SFRYE
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 61056255
Spatial ID: 61056259

Program Id: 61056258
Lat/Long ID: 195838
Latitude Degrees: 47
Latitude Minutes: 23
Latitude Seconds: 18.31
Longitude Degrees: -92
Longitude Minutes: 30
Longitude Seconds: 12.86
Collection Date: 07/17/2012 12:12:18
Lat/Long Description: Not reported
TMSP Added: 10/06/2011 17:56:37
TMSP Last Update: 07/17/2012 12:12:18
Staff ID Last Update: MAPTOOL
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: DM
Map Scale Code: Not reported
Source: CORE
Site ID: 61056255
Spatial ID: 61056259

Staff Name:
Program Id: 61056258
Staff Sequence ID: 145716
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 10/06/2011 12:57:58
TMSP Last Update: 01/20/2012 10:39:37
Staff ID Last Update: RSUCHAN
Last Name: Not reported
First Name: Not reported
Middle Initial: Not reported
Functional Area Code: LPM
Staff ID Number: 306

Program Id: 61056258
Staff Sequence ID: 149274
Staff Type: Not reported
Staff Name: Not reported
TMSP Added: 03/27/2012 11:39:16
TMSP Last Update: 03/27/2012 11:39:16
Staff ID Last Update: SFRYE
Last Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

First Name: Not reported
Middle Initial: Not reported
Functional Area Code: HYD
Staff ID Number: 7614

TIER 2:

Year: 2012
Facility Status: ACTIVE
Facility Phone: Not reported
Facility Email: Not reported
Facility Web: Not reported
Facility MNCP: Not reported
SIC: Not reported
NAICS: 721214
Dunn Brad Num: Not reported
Contact Type: Not reported
Time Created: Not reported
Signed By: Not reported
Title: Not reported
Signed Date: Not reported
Attach Site Plan: Not reported
Attach Coord Abbr: Not reported
Attach Safeguard Info: Not reported
Attach ERP: Not reported
Hardcopy Attachments: Not reported
Extension Site Plan: Not reported
Extension Coord Abbr: Not reported
Extension Safeguard Info: Not reported
Extension ERP: Not reported
Last Updated ERP: Not reported
Last Tested ERP: Not reported
Last Reviewed ERP: Not reported
VZone Primary: Not reported
VZone Secondary: Not reported
Modified Date: Not reported
FIPS County: Not reported
Latitude/Longitude: /
User Name: Not reported
TRIFID: Not reported
CMFCL Record ID: Not reported
SEPC Approved Date ERP: Not reported
Client System ID: 691550012
Own Country: Not reported
Site Plan: Not reported
Confidential Location: Not reported
Status 302: UNKNOWN
Status 312: UNKNOWN
Emergency Contact Name1: Scott Johnson
Emergency Contact Name2: Meghan Cosgrove
Emergency Contact Name3: Not reported
Emergency Contact Name4: Not reported
Emergency Contact 24hr Phone1: 6122104856
Emergency Contact 24hr Phone2: 6127186798
Emergency Contact 24hr Phone3: Not reported
Emergency Contact 24hr Phone4: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Facility Id: 15404
CAS Number: 74986
Chemical Id: 44362
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 4
Avg Daily Amt Code: 4
Storage Container Type: A
Storage Pressure Class: 2
Storage Temperature Class: 4
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: 44362
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	A
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported
Facility Id:	15404
CAS Number:	74986
Chemical Id:	44362
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	A
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: 44362
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 4
Avg Daily Amt Code: 4
Storage Container Type: A
Storage Pressure Class: 2
Storage Temperature Class: 4
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: 44362
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 4
Avg Daily Amt Code: 4
Storage Container Type: A
Storage Pressure Class: 2
Storage Temperature Class: 4
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids) Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids) Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	6
Avg Daily Amt Code:	6
Storage Container Type:	Above ground tank
Storage Pressure Class:	Greater than ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	6
Avg Daily Amt Code:	6
Storage Container Type:	Above ground tank
Storage Pressure Class:	Greater than ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Specific target organ toxicity:	Not reported
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	6
Avg Daily Amt Code:	6
Storage Container Type:	Above ground tank
Storage Pressure Class:	Greater than ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported
Manned-Unmanned:	Not reported
Is Combustible dust:	Not reported
Is Corrosive to metal:	Not reported
Is Explosive :	Not reported
Is Flammable (gases aerosols liquids or solids):	Not reported
Is Gas under pressure:	Not reported
Is Physical Hazard Not Otherwise Classified:	Not reported
Is In contact with water emits flammable gas:	Not reported
Is Organic peroxide:	Not reported
Is Oxidizer (liquid solid or gas):	Not reported
Is Pyrophoric (liquid or solid):	Not reported
Is Pyrophoric gas:	Not reported
Is Self-heating:	Not reported
Is Self-reactive:	Not reported
Is Acute toxicity (any route of exposure):	Not reported
Is Aspiration hazard:	Not reported
Is Carcinogenicity:	Not reported
Is Germ cell mutagenicity:	Not reported
Is Health Hazard Not Otherwise Classified:	Not reported
Is Reproductive toxicity:	Not reported
Is Respiratory or skin sensitization:	Not reported
Is Serious eye damage or eye irritation:	Not reported
Is Simple asphyxiant :	Not reported
Is Skin corrosion or irritation:	Not reported
Is Specific target organ toxicity:	Not reported
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids) Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids) Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
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YMCA CAMP WARREN (Continued)

U004185488

Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
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YMCA CAMP WARREN (Continued)

U004185488

Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: Not reported
Fire Department: Not reported
Phone: Not reported
Nature of Business: Not reported
Manned-Unmanned: Not reported
Is Combustible dust: Not reported
Is Corrosive to metal: Not reported
Is Explosive : Not reported
Is Flammable (gases aerosols liquids or solids): Not reported
Is Gas under pressure: Not reported
Is Physical Hazard Not Otherwise Classified: Not reported
Is In contact with water emits flammable gas: Not reported
Is Organic peroxide: Not reported
Is Oxidizer (liquid solid or gas): Not reported
Is Pyrophoric (liquid or solid): Not reported
Is Pyrophoric gas: Not reported
Is Self-heating: Not reported
Is Self-reactive: Not reported
Is Acute toxicity (any route of exposure): Not reported
Is Aspiration hazard: Not reported
Is Carcinogenicity: Not reported
Is Germ cell mutagenicity: Not reported
Is Health Hazard Not Otherwise Classified: Not reported
Is Reproductive toxicity: Not reported
Is Respiratory or skin sensitization: Not reported
Is Serious eye damage or eye irritation: Not reported
Is Simple asphyxiant : Not reported
Is Skin corrosion or irritation: Not reported
Is Specific target organ toxicity: Not reported

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No
Is Explosive : No
Is Flammable (gases aerosols liquids or solids) Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No
Is Aspiration hazard: No
Is Carcinogenicity: No
Is Germ cell mutagenicity: No
Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	Yes
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	6
Avg Daily Amt Code:	6
Storage Container Type:	Above ground tank
Storage Pressure Class:	Greater than ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	200
Fire Department:	FAYAL
Phone:	Not reported
Nature of Business:	Resident Summer Camp
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	Yes
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	6
Avg Daily Amt Code:	6
Storage Container Type:	Above ground tank
Storage Pressure Class:	Greater than ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	200
Fire Department:	FAYAL
Phone:	Not reported
Nature of Business:	Resident Summer Camp
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	Yes
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No
Is Explosive : No
Is Flammable (gases aerosols liquids or solids)Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No
Is Aspiration hazard: No
Is Carcinogenicity: No
Is Germ cell mutagenicity: No
Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No
Is Explosive : No
Is Flammable (gases aerosols liquids or solids)Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No
Is Aspiration hazard: No
Is Carcinogenicity: No
Is Germ cell mutagenicity: No
Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No
Is Explosive : No
Is Flammable (gases aerosols liquids or solids)Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No
Is Aspiration hazard: No
Is Carcinogenicity: No
Is Germ cell mutagenicity: No
Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Fire Department:	FAYAL
Phone:	Not reported
Nature of Business:	Resident Summer Camp
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	Yes
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	6
Avg Daily Amt Code:	6
Storage Container Type:	Above ground tank
Storage Pressure Class:	Greater than ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	200
Fire Department:	FAYAL
Phone:	Not reported
Nature of Business:	Resident Summer Camp
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No
Is Aspiration hazard: No
Is Carcinogenicity: No
Is Germ cell mutagenicity: No
Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No
Is Explosive : No
Is Flammable (gases aerosols liquids or solids)Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	6
Avg Daily Amt Code:	6
Storage Container Type:	Above ground tank
Storage Pressure Class:	Greater than ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	200
Fire Department:	FAYAL
Phone:	Not reported
Nature of Business:	Resident Summer Camp
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	Yes
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No
Is Explosive : No
Is Flammable (gases aerosols liquids or solids)Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No
Is Aspiration hazard: No
Is Carcinogenicity: No
Is Germ cell mutagenicity: No
Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No
Is Explosive : No
Is Flammable (gases aerosols liquids or solids)Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No
Is Aspiration hazard: No
Is Carcinogenicity: No
Is Germ cell mutagenicity: No
Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No
Is Explosive : No
Is Flammable (gases aerosols liquids or solids)Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No
Is Aspiration hazard: No
Is Carcinogenicity: No
Is Germ cell mutagenicity: No
Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Explosive : No
Is Flammable (gases aerosols liquids or solids) Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No
Is Self-heating: No
Is Self-reactive: No
Is Acute toxicity (any route of exposure): No
Is Aspiration hazard: No
Is Carcinogenicity: No
Is Germ cell mutagenicity: No
Is Health Hazard Not Otherwise Classified: No
Is Reproductive toxicity: No
Is Respiratory or skin sensitization: No
Is Serious eye damage or eye irritation: No
Is Simple asphyxiant : No
Is Skin corrosion or irritation: No
Is Specific target organ toxicity: No

Facility Id: 15404
CAS Number: 74986
Chemical Id: Not reported
Chemical Name: LIQUID PROPANE
EHS Name: Not reported
Is EHS: No
Is EHS More than TPQ: No
Is Containing EHS: No
How Chemical Is Stored: Not reported
Max Daily Amt Code: 6
Avg Daily Amt Code: 6
Storage Container Type: Above ground tank
Storage Pressure Class: Greater than ambient pressure
Storage Temperature Class: Ambient temperature
Storage Location: Not reported
Is Storage Confidential Location: No
Remark: Not reported
Maximum Number of Occupants at One Time: 200
Fire Department: FAYAL
Phone: Not reported
Nature of Business: Resident Summer Camp
Manned-Unmanned: Yes
Is Combustible dust: No
Is Corrosive to metal: No
Is Explosive : No
Is Flammable (gases aerosols liquids or solids) Yes
Is Gas under pressure: Yes
Is Physical Hazard Not Otherwise Classified: No
Is In contact with water emits flammable gas: No
Is Organic peroxide: No
Is Oxidizer (liquid solid or gas): No
Is Pyrophoric (liquid or solid): No
Is Pyrophoric gas: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	6
Avg Daily Amt Code:	6
Storage Container Type:	Above ground tank
Storage Pressure Class:	Greater than ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	200
Fire Department:	FAYAL
Phone:	Not reported
Nature of Business:	Resident Summer Camp
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	Yes
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No
Facility Id:	15404
CAS Number:	74986
Chemical Id:	Not reported
Chemical Name:	LIQUID PROPANE
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	6
Avg Daily Amt Code:	6
Storage Container Type:	Above ground tank
Storage Pressure Class:	Greater than ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported
Maximum Number of Occupants at One Time:	200
Fire Department:	FAYAL
Phone:	Not reported
Nature of Business:	Resident Summer Camp
Manned-Unmanned:	Yes
Is Combustible dust:	No
Is Corrosive to metal:	No
Is Explosive :	No
Is Flammable (gases aerosols liquids or solids):	Yes
Is Gas under pressure:	Yes
Is Physical Hazard Not Otherwise Classified:	No
Is In contact with water emits flammable gas:	No
Is Organic peroxide:	No
Is Oxidizer (liquid solid or gas):	No
Is Pyrophoric (liquid or solid):	No
Is Pyrophoric gas:	No
Is Self-heating:	No
Is Self-reactive:	No
Is Acute toxicity (any route of exposure):	No
Is Aspiration hazard:	No
Is Carcinogenicity:	No
Is Germ cell mutagenicity:	No
Is Health Hazard Not Otherwise Classified:	No
Is Reproductive toxicity:	No
Is Respiratory or skin sensitization:	No
Is Serious eye damage or eye irritation:	No
Is Simple asphyxiant :	No
Is Skin corrosion or irritation:	No
Is Specific target organ toxicity:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

U004185488

[Click this hyperlink](#) while viewing on your computer to access
41 additional MN_TIER2: record(s) in the EDR Site Report.

VAPOR:

Site ID: LS0018559
Delta Site ID: 130744
WIMN Link: <http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=130744>
AI Name: YMCA Camp Warren
Vapor Concern at Site: Other sites where vapor exceeded standards
Item ID: 130744-AREA0000000001
Site Type: Leak Site
Method Desc: Digitized - MPCA internal mapping application
Latitude: 47.38841849
Longitude: -92.50357353

B6
ESE
1/8-1/4
0.136 mi.
719 ft.

YMCA CAMP WARREN
3726 MILLER TRUNK RD
EVELETH, MN 55734

Financial Assurance **S111411678**
WIMN **N/A**

Site 2 of 2 in cluster B

Relative:
Lower
Actual:
1392 ft.

MN Financial Assurance 1:
PROGRAM ID: 61173431
Township Name: Not reported
Region: 1
Interest Type: Tank site
ADDR ID: 61056254
Interest Telephone: NO CORE PI PH.
Preferred ID: 125609
Interest Start Date: 10/20/2011
Interest End Date: Not reported
Activity Flag: Y
TMSP Added: 10/20/2011
TMSP Last Update: 10/20/2011 14:45:14
Staff ID Last Update: JHENRY
Source: CORE
Source ID: 61056255
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 137
Comments: Not reported

Latitude Longitude:
Program Id: 61173431
Lat/Long ID: 0
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Lat/Long Description: Main Site Building
TMSP Added: 10/21/2011 14:16:59
TMSP Last Update: 07/17/2012 12:17:29
Staff ID Last Update: SFRYE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

S111411678

Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 61056255
Spatial ID: 61173432

Program Id: 61173431
Lat/Long ID: 195838
Latitude Degrees: 47
Latitude Minutes: 23
Latitude Seconds: 18.31
Longitude Degrees: -92
Longitude Minutes: 30
Longitude Seconds: 12.86
Collection Date: 07/17/2012 12:12:18
Lat/Long Description: Not reported
TMSP Added: 10/06/2011 17:56:37
TMSP Last Update: 07/17/2012 12:12:18
Staff ID Last Update: MAPTOOL
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: DM
Map Scale Code: Not reported
Source: CORE
Site ID: 61056255
Spatial ID: 61173432

Tab Site:
Program Id: 61173431
Facility Code: 23
Above or Under Code: 2
Indian Reservation: Not reported
Ust Registration Date: 10/19/2011 00:00:00
Ast Registration Date: Not reported
TMSP Added: 10/20/2011 14:32:59
TMSP Last Update: 10/20/2011 14:32:59
Staff ID Last Update: JHENRY
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Not reported
Vapor Notif Required: Not reported

WIMN:
Status: Y
Latitude: 47.388420500000002
Longitude: -92.503573500000002
Item ID: 130744-AISI0000130744
AI ID: 130744
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 130744
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YMCA CAMP WARREN (Continued)

S111411678

Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Multiple Programs
Program List:	SR; TL
City, Township or Unorganized code:	664152
City, Township or Unorganized Name:	Fayal Township
Congressional District Code:	8
House District:	6B
Senate District:	6
USGS 8-digits:	04010201
USGS 8-digits Name:	St. Louis River
USGS 10-digits:	401020107
USGS 12-digits:	40102010701
USGS 12-digits Name:	Ely Creek-Saint Louis 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:	DM
Method Description:	Digitized - MPCA internal mapping application
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	10/06/2011
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	Not reported
The Delta Spatial ID:	61056256
Activity:	Multiple Activities
Activity List:	Petroleum Remediation, Leak Site; Underground Tanks
MPCA ID:	Multiple IDs
MPCA List:	LS0018559; TS0125609
Program List:	Investigation and Cleanup; Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=130744
WIMN:	
Legislative District:	6B
Latitude:	47.38842056
Longitude:	-92.50357350
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	St. Louis River
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=61056255
Coordinate Collection Method:	Digitized - Map Tool
Status:	Active

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

7
SW
1/8-1/4
0.170 mi.
897 ft.

WOODLINE MANUFACTURING INC
4097 HIGHWAY 53
EVELETH, MN 55734

UST **U004191559**
 N/A

Relative:
Lower
Actual:
1401 ft.

UST:

Item Compartment ID:	4176-EQUI0000000001-1
AI ID:	4176
Tank Site ID:	TS0005149
Item ID:	4176-EQUI0000000001
SI Type:	Underground Storage Tank System
SI Design:	001
SI Description:	Not reported
Compartment Number:	1
Substance:	Fuel Oil
Wall Type:	Single
Overfill Prevention System:	Not reported
Install Date:	1969-09-03 00:00:00
Material:	Bare/Paint/Asph Coat Steel
Status Change Date:	2013-07-11 00:00:00
Tank Status:	Removed
Tanks Contractor:	Not reported
Capacity Gallons:	2000
Longitude:	-92.50260061
Latitude:	47.3843983
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	Woodline Manufacturing
Owner Address:	4097 Highway 53
Owner City:	Eveleth
Owner State:	MN
Owner Zip:	55734
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4176-TS0005149&programInterest=TS

Item Compartment ID:	4176-EQUI0000000002-
AI ID:	4176
Tank Site ID:	TS0005149
Item ID:	4176-EQUI0000000002
SI Type:	Underground Storage Tank System
SI Design:	002
SI Description:	Not reported
Compartment Number:	Not reported
Substance:	Not reported
Wall Type:	Not reported
Overfill Prevention System:	Not reported
Install Date:	Not reported
Material:	Not reported
Status Change Date:	Not reported
Tank Status:	Not reported
Tanks Contractor:	Not reported
Capacity Gallons:	Not reported
Longitude:	-92.50260061
Latitude:	47.3843983
Coord Collection Method:	Public Land Survey-Two Quarter
Owner:	Woodline Manufacturing
Owner Address:	4097 Highway 53
Owner City:	Eveleth
Owner State:	MN
Owner Zip:	55734

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

U004191559

Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4176-TS0005149&programInterest=TS

Item Compartment ID: 4176-EQUI0000000003-
AI ID: 4176
Tank Site ID: TS0005149
Item ID: 4176-EQUI0000000003
SI Type: Underground Storage Tank System
SI Design: 003
SI Description: Not reported
Compartment Number: Not reported
Substance: Not reported
Wall Type: Not reported
Overfill Prevention System: Not reported
Install Date: Not reported
Material: Not reported
Status Change Date: Not reported
Tank Status: Not reported
Tanks Contractor: Not reported
Capacity Gallons: Not reported
Longitude: -92.50260061
Latitude: 47.3843983
Coord Collection Method: Public Land Survey-Two Quarter
Owner: Woodline Manufacturing
Owner Address: 4097 Highway 53
Owner City: Eveleth
Owner State: MN
Owner Zip: 55734

Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4176-TS0005149&programInterest=TS

Item Compartment ID: 4176-EQUI0000000004-
AI ID: 4176
Tank Site ID: TS0005149
Item ID: 4176-EQUI0000000004
SI Type: Underground Storage Tank System
SI Design: 004
SI Description: Not reported
Compartment Number: Not reported
Substance: Not reported
Wall Type: Not reported
Overfill Prevention System: Not reported
Install Date: Not reported
Material: Not reported
Status Change Date: Not reported
Tank Status: Not reported
Tanks Contractor: Not reported
Capacity Gallons: Not reported
Longitude: -92.50260061
Latitude: 47.3843983
Coord Collection Method: Public Land Survey-Two Quarter
Owner: Woodline Manufacturing
Owner Address: 4097 Highway 53
Owner City: Eveleth
Owner State: MN
Owner Zip: 55734

Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4176-TS0005149&programInterest=TS

Item Compartment ID: 4176-EQUI0000000005-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WOODLINE MANUFACTURING INC (Continued)

U004191559

AI ID: 4176
Tank Site ID: TS0005149
Item ID: 4176-EQUI0000000005
SI Type: Underground Storage Tank System
SI Design: 005
SI Description: Not reported
Compartment Number: Not reported
Substance: Not reported
Wall Type: Not reported
Overfill Prevention System: Not reported
Install Date: Not reported
Material: Not reported
Status Change Date: Not reported
Tank Status: Not reported
Tanks Contractor: Not reported
Capacity Gallons: Not reported
Longitude: -92.50260061
Latitude: 47.3843983
Coord Collection Method: Public Land Survey-Two Quarter
Owner: Woodline Manufacturing
Owner Address: 4097 Highway 53
Owner City: Eveleth
Owner State: MN
Owner Zip: 55734
Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=4176-TS0005149&programInterest=TS

8
WSW
1/8-1/4
0.178 mi.
938 ft.

TUFCO INC
4105 HIGHWAY 53
EVELETH, MN 55792

UST U004175197
N/A

Relative:
Lower
Actual:
1390 ft.

UST:
Item Compartment ID: 107181-EQUI0000000001-1
AI ID: 107181
Tank Site ID: TS0011184
Item ID: 107181-EQUI0000000001
SI Type: Underground Storage Tank System
SI Design: 001
SI Description: Not reported
Compartment Number: 1
Substance: Fuel Oil
Wall Type: Single
Overfill Prevention System: Not reported
Install Date: 1973-08-01 00:00:00
Material: Bare/Paint/Asph Coat Steel
Status Change Date: 1991-06-01 00:00:00
Tank Status: Removed
Tanks Contractor: Not reported
Capacity Gallons: 1000
Longitude: -92.52315536
Latitude: 47.4173506
Coord Collection Method: GPS - Unknown
Owner: Tufco Inc
Owner Address: Not reported
Owner City: Not reported
Owner State: Not reported
Owner Zip: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TUFCO INC (Continued)

U004175197

Tanks URL: https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=107181-TS0011184&programInterest=TS

C9
NE
1/4-1/2
0.446 mi.
2355 ft.
Relative:
Lower
Actual:
1380 ft.

CENTRAL LAKES MINING AREA
HIGHWAY 53
EVELETH, MN 55734
Site 1 of 4 in cluster C

WIMN S110185272
N/A

WIMN:
 Status: N
 Latitude: 47.423331920000003
 Longitude: -92.508070529999998
 Item ID: 292-AISI0000000292
 AI ID: 292
 Document ID: 0
 Subject Item Type Code: CON
 Subject Item Category Code: AISI
 Subject Item ID: 292
 Subject Item Category Description: Agency Interest
 Subject Item Type Description: Conventional Site
 Description: Not reported
 Subject Item Designation: Not reported
 MPCA Program: Water Quality
 Program List: WW
 City, Township or Unorganized code: 664152
 City, Township or Unorganized Name: Fayal Township
 Congressional District Code: 8
 House District: 6B
 Senate District: 6
 USGS 8-digits: 04010201
 USGS 8-digits Name: St. Louis River
 USGS 10-digits: 401020107
 USGS 12-digits: 40102010701
 USGS 12-digits Name: Ely Creek-Saint Louis 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: A1
 Method Description: Address Matching House Number
 Ref Code: GEN
 Ref Description: General Location
 Location Verified Flag: N
 Collection Date: 09/28/2015
 Timestamp of Creation: 05/09/1997
 User Name of Creator: DELTA_M_R1
 Timestamp of Last Update: 04/26/2016
 User Name of Last Update: spatial_
 Status Date: 02/11/1998
 The Delta Spatial ID: 3900
 Activity: Wastewater, Industrial NPDES/SDS Permit
 Activity List: Wastewater, Industrial NPDES/SDS Permit
 MPCA ID: MN0056529

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL LAKES MINING AREA (Continued)

S110185272

MPCA List: MN0056529
Program List: Water Quality
Classification: Miscellaneous Nonmetallic Minerals, Except Fuels
Site URL: <http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=292>

WIMN:

Legislative District: 6B
Latitude: 47.42333220
Longitude: -92.50807190
Activity: Wastewater Discharger
MPCA ID: MN0056529
Major Watershed: St. Louis River
Site URL: <http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4098>
Coordinate Collection Method: Address Matching House Number
Status: Inactive

**C10
NE
1/4-1/2
0.446 mi.
2355 ft.**

**A R I CONTRACTING
HIGHWAY 53 N INDUSTRIAL PARK
EVELETH, MN 55734**

**RCRA NonGen / NLR 1000108505
WIMN MND099789828**

Site 2 of 4 in cluster C

**Relative:
Lower
Actual:
1380 ft.**

RCRA NonGen / NLR:
Date form received by agency: 09/09/1985
Facility name: A R I CONTRACTING
Facility address: HIGHWAY 53 N INDUSTRIAL PARK
EVELETH, MN 55734
EPA ID: MND099789828
Contact: DAN LAMPPA
Contact address: PO BOX 706
EVELETH, MN 55734-0706
Contact country: US
Contact telephone: 218-744-4342
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: A R I CONTRACTING
Owner/operator address: HIGHWAY 53 N INDUSTRIAL PARK
EVELETH, MN 55734
Owner/operator country: US
Owner/operator telephone: 218-744-4342
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/26/1999
Owner/Op end date: 05/14/1999

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998
Owner/operator country: Not reported
Owner/operator telephone: 312-555-1212

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A R I CONTRACTING (Continued)

1000108505

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: F001

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

WIMN:

Status: N
Latitude: 47.423331920000003
Longitude: -92.508070529999998
Item ID: 23709-AISI0000023709
AI ID: 23709
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 23709
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Hazardous Waste
Program List: HW
City, Township or Unorganized code: 664152
City, Township or Unorganized Name: Fayal Township
Congressional District Code: 8
House District: 6B

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A R I CONTRACTING (Continued)

1000108505

Senate District: 6
 USGS 8-digits: 04010201
 USGS 8-digits Name: St. Louis River
 USGS 10-digits: 401020107
 USGS 12-digits: 40102010701
 USGS 12-digits Name: Ely Creek-Saint Louis 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: A1
 Method Description: Address Matching House Number
 Ref Code: GEN
 Ref Description: General Location
 Location Verified Flag: N
 Collection Date: 09/28/2015
 Timestamp of Creation: 07/26/1999
 User Name of Creator: DELTA_M_R1
 Timestamp of Last Update: 04/26/2016
 User Name of Last Update: spatial_
 Status Date: 07/27/1999
 The Delta Spatial ID: 20462
 Activity: Hazardous Waste
 Activity List: Hazardous Waste
 MPCA ID: MND099789828
 MPCA List: MND099789828
 Program List: Hazardous Waste
 Classification: Not reported
 Site URL: <http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=23709>

WIMN:
 Legislative District: 6B
 Latitude: 47.42333220
 Longitude: -92.50807190
 Activity: Hazardous Waste, Small to Minimal QG
 MPCA ID: MND099789828
 Major Watershed: St. Louis River
 Site URL: <http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=21932>
 Coordinate Collection Method: Address Matching House Number
 Status: Inactive

C11 **POWER O PEAT**
NE **HIGHWAY 53 S**
1/4-1/2 **EVELETH, MN 55734**
0.446 mi.
2355 ft. **Site 3 of 4 in cluster C**

WIMN **S110223226**
N/A

Relative: WIMN:
Lower Status: N
Actual: Latitude: 47.42333192000003
1380 ft. Longitude: -92.50807052999998
 Item ID: 14269-AISI0000014269

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POWER O PEAT (Continued)

S110223226

AI ID: 14269
Document ID: 0
Subject Item Type Code: CON
Subject Item Category Code: AISI
Subject Item ID: 14269
Subject Item Category Description: Agency Interest
Subject Item Type Description: Conventional Site
Description: Not reported
Subject Item Designation: Not reported
MPCA Program: Multiple Programs
Program List: HW; SR
City, Township or Unorganized code: 664152
City, Township or Unorganized Name: Fayal Township
Congressional District Code: 8
House District: 6B
Senate District: 6
USGS 8-digits: 04010201
USGS 8-digits Name: St. Louis River
USGS 10-digits: 401020107
USGS 12-digits: 40102010701
USGS 12-digits Name: Ely Creek-Saint Louis 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: A1
Method Description: Address Matching House Number
Ref Code: GEN
Ref Description: General Location
Location Verified Flag: N
Collection Date: 09/27/2015
Timestamp of Creation: 07/26/1999
User Name of Creator: DELTA_M_R1
Timestamp of Last Update: 04/26/2016
User Name of Last Update: spatial_
Status Date: 09/13/2006
The Delta Spatial ID: 18520
Activity: Multiple Activities
Activity List: Hazardous Waste; Petroleum Remediation, Leak Site
MPCA ID: Multiple IDs
MPCA List: HWLIC1300042; LS0013117
Program List: Hazardous Waste; Investigation and Cleanup
Classification: Not reported
Site URL: <http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=14269>

WIMN:
Legislative District: 6B
Latitude: 47.42333220
Longitude: -92.50807190
Activity: Multiple Activities
MPCA ID: Multiple Activities
Major Watershed: St. Louis River
Site URL: <http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=23827>

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

POWER O PEAT (Continued)

S110223226

Coordinate Collection Method: Address Matching House Number
 Status: Inactive

C12
NE
 1/4-1/2
 0.446 mi.
 2355 ft.

AQUA DYNAMICS
PO BOX 280
EVELETH, MN 55734
Site 4 of 4 in cluster C

WIMN S110180311
N/A

Relative:
Lower
Actual:
1380 ft.

WIMN:
 Status: N
 Latitude: 47.423331920000003
 Longitude: -92.508070529999998
 Item ID: 24380-AISI0000024380
 AI ID: 24380
 Document ID: 0
 Subject Item Type Code: CON
 Subject Item Category Code: AISI
 Subject Item ID: 24380
 Subject Item Category Description: Agency Interest
 Subject Item Type Description: Conventional Site
 Description: Not reported
 Subject Item Designation: Not reported
 MPCA Program: Hazardous Waste
 Program List: HW
 City, Township or Unorganized code: 664152
 City, Township or Unorganized Name: Fayal Township
 Congressional District Code: 8
 House District: 6B
 Senate District: 6
 USGS 8-digits: 04010201
 USGS 8-digits Name: St. Louis River
 USGS 10-digits: 401020107
 USGS 12-digits: 40102010701
 USGS 12-digits Name: Ely Creek-Saint Louis 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: A1
 Method Description: Address Matching House Number
 Ref Code: GEN
 Ref Description: General Location
 Location Verified Flag: N
 Collection Date: 09/28/2015
 Timestamp of Creation: 07/26/1999
 User Name of Creator: DELTA_M_R1
 Timestamp of Last Update: 04/26/2016
 User Name of Last Update: spatial_
 Status Date: 07/27/1999
 The Delta Spatial ID: 20376
 Activity: Hazardous Waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQUA DYNAMICS (Continued)

S110180311

Activity List:	Hazardous Waste
MPCA ID:	316782523
MPCA List:	316782523
Program List:	Hazardous Waste
Classification:	Building Cleaning and Maintenance Services, Not Elsewhere Classified
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=24380
WIMN:	
Legislative District:	6B
Latitude:	47.42333220
Longitude:	-92.50807190
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	316782523
Major Watershed:	St. Louis River
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=22007
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

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

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/14/2019
	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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

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: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
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 known 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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

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: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: 800-424-9346
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 05/14/2018	Source: Department of the Navy
Date Data Arrived at EDR: 05/18/2018	Telephone: 843-820-7326
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/25/2019
	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: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

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: 08/24/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 29

Source: Pollution Control Agency
Telephone: 651-296-6139
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

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: 06/01/2018
Date Data Arrived at EDR: 06/07/2018
Date Made Active in Reports: 07/24/2018
Number of Days to Update: 47

Source: Minnesota Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

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

UNPERM LF: Unpermitted Facilities

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

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Pollution Control Agency
Telephone: 651-757-2665
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/18/2019
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: 08/02/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Minnesota Pollution Control Agency
Telephone: 651-296-7276
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/01/2018
Date Data Arrived at EDR: 04/20/2018
Date Made Active in Reports: 06/04/2018
Number of Days to Update: 45

Source: Minnesota Pollution Control Agency
Telephone: 651-296-9543
Source: Pollution Control Agency, GIS Section
Telephone: 651-296-7266
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 07/26/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Semi-Annually

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: 07/26/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Minnesota Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/10/2018
Number of Days to Update: 136	Next Scheduled EDR Contact: 01/21/2019
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/26/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Minnesota Pollution Control Agency
Telephone: 651-649-5451
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Semi-Annually

AST: Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 07/26/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Minnesota Pollution Control Agency
Telephone: 651-296-0930
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 08/24/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 29

Source: Pollution Control Agency
Telephone: 512-296-6300
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

Date of Government Version: 03/20/2008
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: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/24/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Varies

VIC: Voluntary Investigation and Cleanup Program

Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 08/24/2018	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 09/06/2018	Telephone: 651-296-7291
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 09/06/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Semi-Annually

State and tribal Brownfields 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: 08/24/2018	Source: Pollution Control Agency
Date Data Arrived at EDR: 09/06/2018	Telephone: 651-296-7999
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 09/06/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/17/2018
	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: 06/18/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2018	Telephone: 202-566-2777
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/18/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/31/2018
	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: 09/22/2018	Source: Pollution Control Agency
Date Data Arrived at EDR: 09/25/2018	Telephone: 651-296-6300
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/05/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/02/2018
Next Scheduled EDR Contact: 02/11/2019
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: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
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: 08/24/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 29

Source: Pollution Control Agency
Telephone: 651-282-5988
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2018	Source: Department of Health
Date Data Arrived at EDR: 10/02/2018	Telephone: 651-215-5800
Date Made Active in Reports: 11/05/2018	Last EDR Contact: 10/01/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/14/2019
	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: 08/24/2018	Source: Pollution Control Agency
Date Data Arrived at EDR: 09/06/2018	Telephone: 651-296-6139
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 09/06/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/17/2018
	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: 05/18/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2018	Telephone: 202-307-1000
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/10/2018
	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: 02/16/2016	Source: Pollution Control Agency
Date Data Arrived at EDR: 03/09/2016	Telephone: 602-282-5988
Date Made Active in Reports: 04/06/2016	Last EDR Contact: 08/29/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

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: 07/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2018	Telephone: 202-564-6023
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 57	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

SPILLS: Spills Database

Spills reported to the Pollution Control Agency.

Date of Government Version: 07/26/2018	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 08/07/2018	Telephone: 651-649-5451
Date Made Active in Reports: 08/30/2018	Last EDR Contact: 11/08/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 02/18/2019
	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: 08/02/2018	Source: Department of Agriculture
Date Data Arrived at EDR: 08/07/2018	Telephone: 651-297-3997
Date Made Active in Reports: 08/28/2018	Last EDR Contact: 11/07/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2019
	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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/11/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 39	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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/06/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 62	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: 312-886-6186
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 08/24/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/12/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/12/2018
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/17/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/26/2018
	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: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2018	Telephone: 202-566-1917
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/07/2019
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017
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: 08/10/2018
Next Scheduled EDR Contact: 11/19/2018
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: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
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: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/22/2018	Telephone: 202-564-8600
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 10/23/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/04/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/11/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 10/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

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: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/04/2019
	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: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/07/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/17/2018
	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: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/04/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/17/2018
	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: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/26/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/03/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

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

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 10/09/2018
Number of Days to Update: 546	Next Scheduled EDR Contact: 01/21/2019
	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: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/01/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/18/2019
	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: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 08/20/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2018	Telephone: 703-603-8787
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 57	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

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

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/10/2018
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: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
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: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
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: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 08/07/2018	Source: EPA
Date Data Arrived at EDR: 09/05/2018	Telephone: (312) 353-2000
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 09/18/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/17/2018
	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: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 08/31/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 08/22/2018	Source: EPA
Date Data Arrived at EDR: 08/22/2018	Telephone: 800-385-6164
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 08/22/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Quarterly

AGVIC: Agricultural Voluntary Investigation & Cleanup Listing

A listing of agricultural voluntary investigation & cleanup site locations.

Date of Government Version: 08/02/2018	Source: Department of Agriculture
Date Data Arrived at EDR: 08/07/2018	Telephone: 651-201-6400
Date Made Active in Reports: 08/28/2018	Last EDR Contact: 11/07/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Permit Contact List

A listing of permitted AIRS facilities.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/24/2018
Number of Days to Update: 62

Source: Pollution Control Agency
Telephone: 651-296-7351
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 08/28/2018
Number of Days to Update: 26

Source: Department of Health
Telephone: 651-201-4620
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

BULK: Bulk Facilities Database

Facilities that use bulk pesticides and fertilizers

Date of Government Version: 08/06/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/29/2018
Number of Days to Update: 22

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 03/07/2017
Number of Days to Update: 25

Source: Pollution Control Agency
Telephone: 651-757-2740
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaning Facilities

A listing of coin-operated laundries and drycleaning; drycleaning plants, except rug cleaning; and industrial laundrers.

Date of Government Version: 06/14/2018
Date Data Arrived at EDR: 06/14/2018
Date Made Active in Reports: 07/24/2018
Number of Days to Update: 40

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

ENFORCEMENT: Generators Associated with Enforcement Logs

Regulatory Compliance, Hazardous Waste Enforcement Log and Hazardous Waste Permit Unit Project Identification List.

Date of Government Version: 10/03/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/05/2018
Number of Days to Update: 31

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8332
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

Financial 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Pollution Control Agency
Telephone: 651-297-8220
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information listing

A listing of financial assurance information for solid waste facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 09/07/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 28

Source: Pollution Control Agency
Telephone: 651-296-6066
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Annually

Financial Assurance 3: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 09/07/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 28

Source: Pollution Control Agency
Telephone: 651-296-7258
Last EDR Contact: 09/07/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

MN HWS PERMIT: Active TSD Facilities

Active TSD Facilities.

Date of Government Version: 09/08/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 23

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8470
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

LEAD: Lead Inspection Listing

Lead inspections

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 13

Source: Department of Health
Telephone: 651-201-4137
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

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: 09/14/2018
Next Scheduled EDR Contact: 12/24/2018
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: 08/02/2018
Date Data Arrived at EDR: 08/07/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 23

Source: Department of Agriculture
Telephone: 651-201-6000
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 07/14/2009	Telephone: 651-297-2731
Date Made Active in Reports: 07/24/2009	Source: Pollution Control Agency, GIS Section
Number of Days to Update: 10	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: 12/31/2017	Source: Department of Public Safety
Date Data Arrived at EDR: 05/07/2018	Telephone: 651-296-2233
Date Made Active in Reports: 06/06/2018	Last EDR Contact: 11/05/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/18/2019
	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: 09/07/2018	Source: Pollution Control Agency
Date Data Arrived at EDR: 09/11/2018	Telephone: 651-757-2040
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 08/20/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 12/03/2018
	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: 10/08/2018	Source: Pollution Control Agency
Date Data Arrived at EDR: 10/10/2018	Telephone: 651-757-2593
Date Made Active in Reports: 11/07/2018	Last EDR Contact: 10/10/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Semi-Annually

NPDES: Wastewater Permits Listing

A listing of facilities that have a wastewater permit.

Date of Government Version: 09/10/2018	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 09/12/2018	Telephone: 651-296-6300
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 08/10/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/10/2018	Telephone: 860-424-3375
Date Made Active in Reports: 09/10/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/13/2018	Telephone: N/A
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 10/09/2018
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 07/01/2018	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/01/2018	Telephone: 518-402-8651
Date Made Active in Reports: 08/31/2018	Last EDR Contact: 10/31/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 02/11/2019
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/25/2017	Telephone: 717-783-8990
Date Made Active in Reports: 09/25/2017	Last EDR Contact: 10/15/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: 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

TZ90169
NOT REPORTED
EVELETH, MN 55734

TARGET PROPERTY COORDINATES

Latitude (North):	47.418222 - 47° 25' 5.60"
Longitude (West):	92.518568 - 92° 31' 6.84"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	536315.6
UTM Y (Meters):	5251535.0
Elevation:	1402 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5961065 EVELETH, MN
Version Date:	2013
East Map:	5958312 GILBERT, MN
Version Date:	2013

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

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

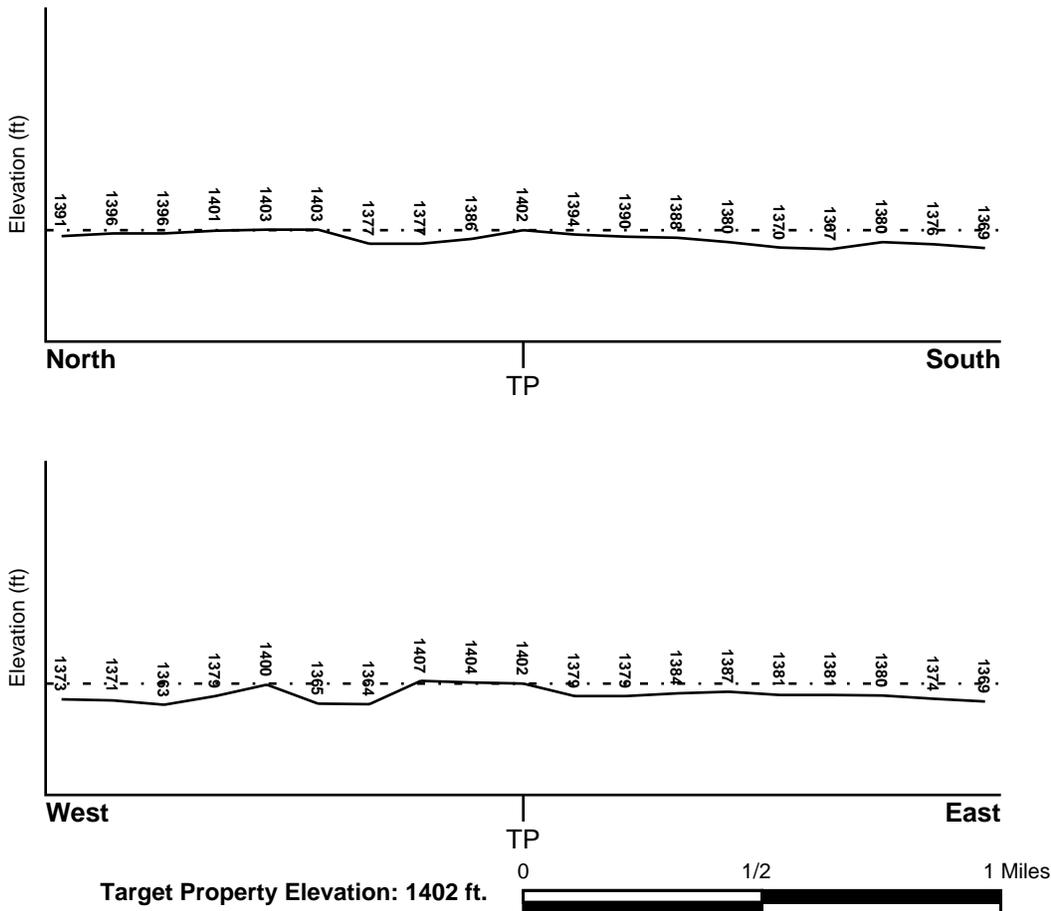
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
2707390950C	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
2707391075C	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
EVELETH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Precambrian
System: Precambrian
Series: X metasedimentary rocks
Code: X (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: SARTELL

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	4 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 5.10
2	4 inches	36 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 5.10
3	36 inches	60 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loamy coarse sand
loamy sand
mucky-peat
silt loam
muck

Surficial Soil Types: loamy coarse sand
loamy sand
mucky-peat
silt loam
muck

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: coarse sand
sand
hemic material
stratified
loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B7	USGS40000600088	1/8 - 1/4 Mile SSE
B9	USGS40000600080	1/8 - 1/4 Mile South
B10	USGS40000600087	1/8 - 1/4 Mile SSE
11	USGS40000600136	1/8 - 1/4 Mile WNW
B12	USGS40000600079	1/4 - 1/2 Mile SSE
D13	USGS40000600089	1/4 - 1/2 Mile SW
G26	USGS40000600076	1/4 - 1/2 Mile SE
28	USGS40000576472	1/4 - 1/2 Mile ENE
J31	USGS40000600058	1/4 - 1/2 Mile SSE
I34	USGS40000600133	1/4 - 1/2 Mile East
J38	USGS40000600053	1/4 - 1/2 Mile South
L46	USGS40000576473	1/2 - 1 Mile NE
L47	USGS40000576474	1/2 - 1 Mile NE
O58	USGS40000600012	1/2 - 1 Mile South
P59	USGS40000600011	1/2 - 1 Mile SSE
O61	USGS40000600006	1/2 - 1 Mile South
O65	USGS40000600001	1/2 - 1 Mile South
P68	USGS40000599995	1/2 - 1 Mile South
S71	USGS40000599996	1/2 - 1 Mile SSW
S74	USGS40000599992	1/2 - 1 Mile SSW
T75	USGS40000599989	1/2 - 1 Mile South
T76	USGS40000599988	1/2 - 1 Mile SSE
V82	USGS40000600067	1/2 - 1 Mile WSW
W86	USGS40000599957	1/2 - 1 Mile South
87	USGS40000600279	1/2 - 1 Mile North
W92	USGS40000599938	1/2 - 1 Mile South

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

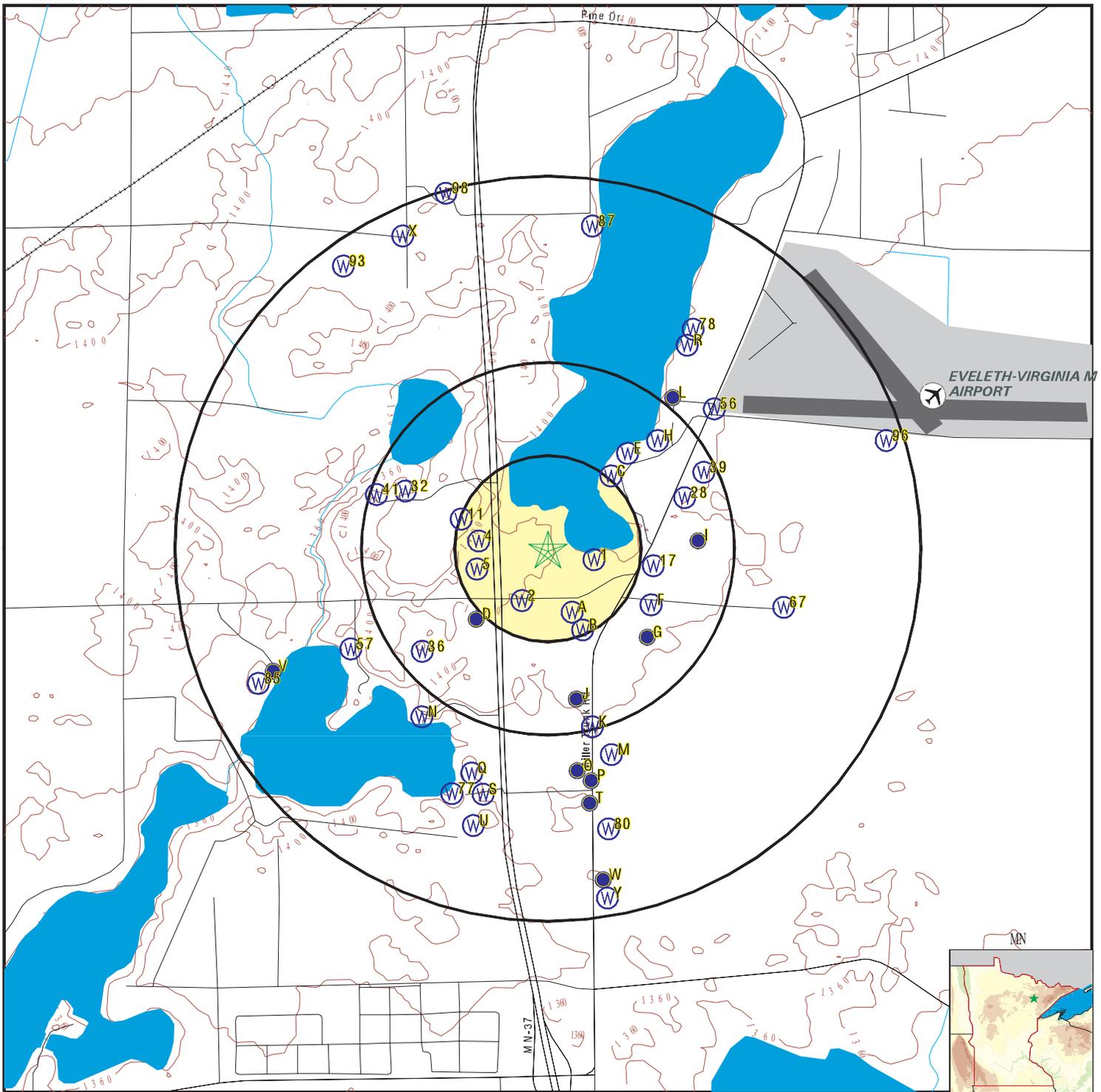
MAP ID	WELL ID	LOCATION FROM TP
1	MN6000000076483	1/8 - 1/4 Mile ESE
2	MN6000000108824	1/8 - 1/4 Mile SSW
A3	MN6000000123355	1/8 - 1/4 Mile SSE
4	MN6000000164876	1/8 - 1/4 Mile West
5	MN6000000047325	1/8 - 1/4 Mile WSW
A6	MN6000000189401	1/8 - 1/4 Mile SSE
C8	MN6000000088439	1/8 - 1/4 Mile NE
C14	MN6000000129543	1/4 - 1/2 Mile NE
C15	MN6000000253651	1/4 - 1/2 Mile NE
D16	MN6000000188092	1/4 - 1/2 Mile SW
17	MN6000000144318	1/4 - 1/2 Mile East
E18	MN6000000107308	1/4 - 1/2 Mile NE
F19	MN6000000110257	1/4 - 1/2 Mile ESE
F20	MN6000000057276	1/4 - 1/2 Mile ESE
G21	MN6000000109660	1/4 - 1/2 Mile SE
G22	MN6000000166967	1/4 - 1/2 Mile SE
E23	MN6000000015108	1/4 - 1/2 Mile NE
H24	MN6000000112081	1/4 - 1/2 Mile NE
I25	MN6000000073724	1/4 - 1/2 Mile East
J27	MN6000000026050	1/4 - 1/2 Mile SSE
J29	MN6000000045097	1/4 - 1/2 Mile South
J30	MN6000000005068	1/4 - 1/2 Mile South
32	MN6000000174012	1/4 - 1/2 Mile WNW
H33	MN6000000030246	1/4 - 1/2 Mile NE
J35	MN6000000099555	1/4 - 1/2 Mile South
36	MN6000000077338	1/4 - 1/2 Mile SW
H37	MN6000000098921	1/4 - 1/2 Mile NE
39	MN6000000198762	1/4 - 1/2 Mile ENE
K40	MN6000000121413	1/4 - 1/2 Mile SSE
41	MN6000000189682	1/4 - 1/2 Mile WNW
K42	MN6000000295702	1/4 - 1/2 Mile SSE
L43	MN6000000154584	1/4 - 1/2 Mile NE
L44	MN6000000157121	1/2 - 1 Mile NE
K45	MN6000000065353	1/2 - 1 Mile SSE
L48	MN6000000013305	1/2 - 1 Mile NE
L49	MN6000000076484	1/2 - 1 Mile NE
M50	MN6000000176163	1/2 - 1 Mile SSE
L51	MN6000000151792	1/2 - 1 Mile NE
N52	MN6000000042090	1/2 - 1 Mile SW
N53	MN6000000293849	1/2 - 1 Mile SW
O54	MN6000000197438	1/2 - 1 Mile South
O55	MN6000000158133	1/2 - 1 Mile South
56	MN6000000099347	1/2 - 1 Mile NE
57	MN6000000060187	1/2 - 1 Mile WSW
M60	MN6000000111293	1/2 - 1 Mile SSE
Q62	MN6000000104429	1/2 - 1 Mile SSW
P63	MN6000000099554	1/2 - 1 Mile South
R64	MN6000000123356	1/2 - 1 Mile NE
Q66	MN6000000073723	1/2 - 1 Mile SSW
67	MN6000000084895	1/2 - 1 Mile ESE
R69	MN6000000189595	1/2 - 1 Mile NE
R70	MN6000000052095	1/2 - 1 Mile NE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

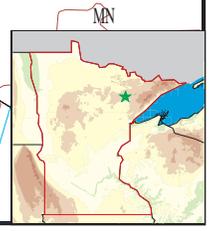
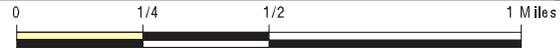
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
R72	MN6000000031091	1/2 - 1 Mile NE
T73	MN6000000140344	1/2 - 1 Mile South
77	MN60000000065823	1/2 - 1 Mile SSW
78	MN6000000132660	1/2 - 1 Mile NNE
U79	MN6000000090160	1/2 - 1 Mile SSW
80	MN6000000093733	1/2 - 1 Mile SSE
U81	MN6000000038656	1/2 - 1 Mile SSW
V83	MN6000000290128	1/2 - 1 Mile WSW
V84	MN6000000173802	1/2 - 1 Mile WSW
85	MN6000000005437	1/2 - 1 Mile WSW
W88	MN6000000044000	1/2 - 1 Mile South
W89	MN6000000121415	1/2 - 1 Mile South
X90	MN6000000035037	1/2 - 1 Mile NNW
X91	MN6000000038654	1/2 - 1 Mile NNW
93	MN60000000082192	1/2 - 1 Mile NW
Y94	MN6000000013304	1/2 - 1 Mile South
X95	MN6000000020952	1/2 - 1 Mile NNW
96	MN60000000086609	1/2 - 1 Mile ENE
Y97	MN6000000091537	1/2 - 1 Mile South
98	MN6000000170543	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 05480395.11r



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

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



SITE NAME: TZ90169
 ADDRESS: Not Reported
 Eveleth MN 55734
 LAT/LONG: 47.418222 / 92.518568

CLIENT: Bay West, Inc.
 CONTACT: Erik Nimlos
 INQUIRY #: 05480395.11r
 DATE: November 09, 2018 12:54 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
ESE
1/8 - 1/4 Mile
Lower

MN WELLS MN600000076483

Well ID:	0000422650	Original Owner:	VITO, RICCO
Well Elevation:	1386	Well Status:	Active
Well Use:	Domestic	Drill Depth:	90
Completion Depth:	90	Date Completed:	19870724
Casing Diameter:	4	Casing Depth:	0
Grouted:	Y	Dist from Potential Contamination:	50
Direction to Potential Contamination:	W	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand-brown	Bottom Open Strat Unit:	sand-brown
Aquifer:	Quat. Buried Artes. Aquifer	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	12		

2
SSW
1/8 - 1/4 Mile
Lower

MN WELLS MN6000000108824

Well ID:	0000238884	Original Owner:	USGS 20A-TH1
Well Elevation:	1400	Well Status:	Not Reported
Well Use:	Test Well	Drill Depth:	103
Completion Depth:	103	Date Completed:	19580906
Casing Diameter:	0	Casing Depth:	0
Grouted:	Not Reported	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:	till-gray	Bottom Open Strat Unit:	Not Reported
Aquifer:	Not Reported	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	Avg Static Water Level Depth:	0

A3
SSE
1/8 - 1/4 Mile
Lower

MN WELLS MN6000000123355

Well ID:	0000238341	Original Owner:	KOSMACH, ROBERT
Well Elevation:	1392	Well Status:	Inactive
Well Use:	Domestic	Drill Depth:	31
Completion Depth:	31	Date Completed:	19570000
Casing Diameter:	3	Casing Depth:	0
Grouted:	U	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	Bottom Open Strat Unit:	sand +larger
Aquifer:	Quat. Water Table Aquifer	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Chemistry Info Exists:	Not Reported	Observation Well:	Not Reported
Avg Static Water Level Depth:	21.8999996185303		

**4
West
1/8 - 1/4 Mile
Higher**

MN WELLS MN6000000164876

Well ID:	0000240045	Original Owner:	STEBLAY, FRANK
Well Elevation:	1403	Well Status:	Active
Well Use:	Domestic	Drill Depth:	47
Completion Depth:	47	Date Completed:	19300000
Casing Diameter:	0	Casing Depth:	0
Grouted:	U	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)		
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
Avg Static Water Level Depth:	39		

**5
WSW
1/8 - 1/4 Mile
Higher**

MN WELLS MN6000000047325

Well ID:	0000238418	Original Owner:	TIRE RETREAD
Well Elevation:	1403	Well Status:	Active
Well Use:	Commercial	Drill Depth:	117
Completion Depth:	117	Date Completed:	0
Casing Diameter:	6	Casing Depth:	117
Grouted:	U	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:	Quaternary deposit		
Bottom Open Strat Unit:	Quaternary deposit		
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
Avg Static Water Level Depth:	37		

**A6
SSE
1/8 - 1/4 Mile
Lower**

MN WELLS MN6000000189401

Well ID:	0000238342	Original Owner:	KOSMACH, VALENTINE
Well Elevation:	1392	Well Status:	Active
Well Use:	Domestic	Drill Depth:	28
Completion Depth:	28	Date Completed:	19480000
Casing Diameter:	3	Casing Depth:	0
Grouted:	U	Dist from Potential Contamination:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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	Bottom Open Strat Unit:	sand +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
Avg Static Water Level Depth:	21		

B7
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS40000600088

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20AAA02	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19480101
Well Depth:	28	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	21.00	Feet to sea level:	Not Reported
Note:	Not Reported		

C8
NE
1/8 - 1/4 Mile
Lower

MN WELLS MN6000000088439

Well ID:	0000505567	Original Owner:	DICKSON, DALE
Well Elevation:	1389	Well Status:	Active
Well Use:	Domestic	Drill Depth:	66
Completion Depth:	66	Date Completed:	19910920
Casing Diameter:	4	Casing Depth:	62
Grouted:	N	Dist from Potential Contamination:	54
Direction to Potential Contamination:	NE	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	gravel (+larger)-gray		
Bottom Open Strat Unit:	gravel (+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
Avg Static Water Level Depth:	18		

B9
South
1/8 - 1/4 Mile
Lower

FED USGS USGS40000600080

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	57 N17W20AAA	Type:	Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description:	Not Reported	HUC:	04010201
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:	19570101
Well Depth:	31.3	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	21.91	Feet to sea level:	Not Reported
Note:	Not Reported		

**B10
SSE
1/8 - 1/4 Mile
Lower**

FED USGS USGS40000600087

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W21BBB	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19570101
Well Depth:	20	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	7.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**11
WNW
1/8 - 1/4 Mile
Lower**

FED USGS USGS40000600136

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	57 N17W17DCA	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19300101
Well Depth:	47	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**B12
SSE
1/4 - 1/2 Mile
Lower**

FED USGS USGS40000600079

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W21BBB02	Type:	Well
Description:	Not Reported	HUC:	04010201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	26	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	10.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**D13
SW
1/4 - 1/2 Mile
Lower**

FED USGS USGS40000600089

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20ABA	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19280101
Well Depth:	35	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**C14
NE
1/4 - 1/2 Mile
Lower**

MN WELLS MN6000000129543

Well ID:	0000146634	Original Owner:	FISHER, JAMES
Well Elevation:	1386	Well Status:	Active
Well Use:	Domestic	Drill Depth:	127
Completion Depth:	127	Date Completed:	19780731
Casing Diameter:	6	Casing Depth:	127
Grouted:	U	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	115	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation		
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
Avg Static Water Level Depth:	18		

**C15
NE
1/4 - 1/2 Mile
Lower**

MN WELLS MN6000000253651

Well ID:	0000769382	Original Owner:	MARCACCINI, JERRY
Well Elevation:	1385.7	Well Status:	Active
Well Use:	Domestic	Drill Depth:	165
Completion Depth:	165	Date Completed:	20100113
Casing Diameter:	6	Casing Depth:	122
Grouted:	Y	Dist from Potential Contamination:	33

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Direction to Potential Contamination:	S	Type of Contamination:	Sewer
Depth to Bedrock:	122	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation		
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
Avg Static Water Level Depth:	12.5		

**D16
SW
1/4 - 1/2 Mile
Lower**

MN WELLS MN6000000188092

Well ID:	0000238344	Original Owner:	LASKAR, PAUL
Well Elevation:	1387	Well Status:	Inactive
Well Use:	Domestic	Drill Depth:	35
Completion Depth:	35	Date Completed:	19280000
Casing Diameter:	32	Casing Depth:	0
Grouted:	U	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	Bottom Open Strat Unit:	sand +larger
Aquifer:	Quat. Buried Unconf. Aquife		
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
Avg Static Water Level Depth:	0		

**17
East
1/4 - 1/2 Mile
Lower**

MN WELLS MN6000000144318

Well ID:	0000581495	Original Owner:	HAVLAND, KEITH
Well Elevation:	1388	Well Status:	Active
Well Use:	Domestic	Drill Depth:	60
Completion Depth:	55	Date Completed:	19970915
Casing Diameter:	4	Casing Depth:	51
Grouted:	Y	Dist from Potential Contamination:	60
Direction to Potential Contamination:	SW	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand-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
Avg Static Water Level Depth:	12		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

E18
NE
 1/4 - 1/2 Mile
 Lower

MN WELLS MN6000000107308

Well ID:	0000519675	Original Owner:	KERZE, PETER
Well Elevation:	1385	Well Status:	Active
Well Use:	Domestic	Drill Depth:	52
Completion Depth:	52	Date Completed:	19921007
Casing Diameter:	6	Casing Depth:	52
Grouted:	N	Dist from Potential Contamination:	60
Direction to Potential Contamination:	N	Type of Contamination:	Other
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	gravel (+larger)-gray		
Bottom Open Strat Unit:	gravel (+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
Avg Static Water Level Depth:	8		

F19
ESE
 1/4 - 1/2 Mile
 Lower

MN WELLS MN6000000110257

Well ID:	0000238878	Original Owner:	USGS 16N
Well Elevation:	1388	Well Status:	Not Reported
Well Use:	Test Well	Drill Depth:	111
Completion Depth:	111	Date Completed:	19590807
Casing Diameter:	0	Casing Depth:	0
Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	109	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Not Reported	Aquifer:	Not Reported
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
Avg Static Water Level Depth:	0		

F20
ESE
 1/4 - 1/2 Mile
 Lower

MN WELLS MN6000000057276

Well ID:	0000238363	Original Owner:	BODAS, WILLIAM
Well Elevation:	1385	Well Status:	Active
Well Use:	Domestic	Drill Depth:	28
Completion Depth:	28	Date Completed:	19390000
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	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)		
Bottom Open Strat Unit:	gravel (+larger)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Quat. Water Table Aquifer	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	12		

G21
SE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000109660

Well ID:	0000238362	Original Owner:	ISAACSON, ARTHUR
Well Elevation:	1384	Well Status:	Active
Well Use:	Domestic	Drill Depth:	20
Completion Depth:	20	Date Completed:	19570000
Casing Diameter:	2	Casing Depth:	0
Grouted:	U	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	Bottom Open Strat Unit:	sand
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
Avg Static Water Level Depth:	8.5		

G22
SE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000166967

Well ID:	0000238361	Original Owner:	ISAACSON, ARTHUR
Well Elevation:	1384	Well Status:	Active
Well Use:	Domestic	Drill Depth:	26
Completion Depth:	26	Date Completed:	0
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	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	Bottom Open Strat Unit:	sand
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
Avg Static Water Level Depth:	10		

E23
NE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000015108

Well ID:	0000693906	Original Owner:	VEST, ED
Well Elevation:	1381	Well Status:	Active
Well Use:	Domestic	Drill Depth:	160
Completion Depth:	160	Date Completed:	20040920
Casing Diameter:	6	Casing Depth:	121

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Y	Dist from Potential Contamination:	50
Direction to Potential Contamination:	E	Type of Contamination:	Sewer
Depth to Bedrock:	121	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation		
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
Avg Static Water Level Depth:	11.6000003814697		

H24
NE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000112081

Well ID:	0000408878	Original Owner:	COSSALTER, CLEM
Well Elevation:	1381	Well Status:	Active
Well Use:	Domestic	Drill Depth:	59
Completion Depth:	55	Date Completed:	19830502
Casing Diameter:	4	Casing Depth:	51
Grouted:	N	Dist from Potential Contamination:	75
Direction to Potential Contamination:	SE	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand+silt-gray	Bottom Open Strat Unit:	sand-white
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
Avg Static Water Level Depth:	21		

I25
East
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000073724

Well ID:	0000238364	Original Owner:	KNOEBONE, JOHN H.
Well Elevation:	1385	Well Status:	Active
Well Use:	Domestic	Drill Depth:	76
Completion Depth:	76	Date Completed:	0
Casing Diameter:	26	Casing Depth:	0
Grouted:	U	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:	pebbly sand/silt/clay		
Bottom Open Strat Unit:	pebbly sand/silt/clay		
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
Avg Static Water Level Depth:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G26
SE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000600076

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	57 N17W21BBA	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19390101
Well Depth:	28	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

J27
SSE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000026050

Well ID:	0000555003	Original Owner:	NEMANICK, MARY
Well Elevation:	1383	Well Status:	Active
Well Use:	Domestic	Drill Depth:	105
Completion Depth:	105	Date Completed:	19940928
Casing Diameter:	6	Casing Depth:	105
Grouted:	Y	Dist from Potential Contamination:	70
Direction to Potential Contamination:	W	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	gravel (+larger)-gray		
Bottom Open Strat Unit:	gravel (+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
Avg Static Water Level Depth:	0		

28
ENE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000576472

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W16CAC01	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	Not Reported
Well Depth:	42	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	1	Level reading date:	1958-08-12
Feet below surface:	20.00	Feet to sea level:	Not Reported
Note:	Not Reported		

J29
South
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000045097

Well ID:	0000238343	Original Owner:	GERM, JOHN
Well Elevation:	1385	Well Status:	Active
Well Use:	Domestic	Drill Depth:	22
Completion Depth:	22	Date Completed:	0
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	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)		
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
Avg Static Water Level Depth:	10		

J30
South
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000005068

Well ID:	0000120686	Original Owner:	GERM, JOHN
Well Elevation:	1385	Well Status:	Active
Well Use:	Domestic	Drill Depth:	228
Completion Depth:	228	Date Completed:	19760428
Casing Diameter:	6	Casing Depth:	165
Grouted:	N	Dist from Potential Contamination:	150
Direction to Potential Contamination:	N	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	165	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation		
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
Avg Static Water Level Depth:	12		

J31
SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000600058

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20AAD	Type:	Well
Description:	Not Reported	HUC:	04010201
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	22	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

32
WNW
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000174012

Well ID:	0000174489	Original Owner:	HARRINGTON, JAMES
Well Elevation:	1380	Well Status:	Active
Well Use:	Domestic	Drill Depth:	104
Completion Depth:	104	Date Completed:	19800916
Casing Diameter:	6	Casing Depth:	104
Grouted:	U	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-gray		
Bottom Open Strat Unit:	sand +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
Avg Static Water Level Depth:	40		

H33
NE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000030246

Well ID:	0000134184	Original Owner:	KLOBUCHAR, JACK
Well Elevation:	1383	Well Status:	Sealed
Well Use:	Exploration	Drill Depth:	121
Completion Depth:	121	Date Completed:	19801021
Casing Diameter:	4	Casing Depth:	112
Grouted:	Y	Dist from Potential Contamination:	100
Direction to Potential Contamination:	E	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	112	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation		
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
Avg Static Water Level Depth:	8		

I34
East
1/4 - 1/2 Mile
Lower

FED USGS USGS40000600133

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	57 N17W16CDB	Type:	Well
Description:	Not Reported	HUC:	04010201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	76	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

J35
South
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000099555

Well ID:	0000238350	Original Owner:	SMREKAR, FRANK
Well Elevation:	1380	Well Status:	Active
Well Use:	Domestic	Drill Depth:	22
Completion Depth:	22	Date Completed:	19430000
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	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)		
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
Avg Static Water Level Depth:	15		

36
SW
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000077338

Well ID:	0000484899	Original Owner:	MAKI, MICHAEL C.
Well Elevation:	1401	Well Status:	Active
Well Use:	Domestic	Drill Depth:	65
Completion Depth:	55	Date Completed:	19920820
Casing Diameter:	4	Casing Depth:	51
Grouted:	Y	Dist from Potential Contamination:	60
Direction to Potential Contamination:	N	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand-black	Bottom Open Strat Unit:	sand-black
Aquifer:	Quat. Buried Unconf. Aquife		
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
Avg Static Water Level Depth:	39		

H37
NE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000098921

Well ID:	0000675400	Original Owner:	MUCHHALA, KANT
Well Elevation:	1382	Well Status:	Active
Well Use:	Domestic	Drill Depth:	150
Completion Depth:	150	Date Completed:	20020923
Casing Diameter:	6	Casing Depth:	120

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Y	Dist from Potential Contamination:	25
Direction to Potential Contamination:	N	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	120	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation		
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
Avg Static Water Level Depth:	11.3999996185303		

J38
South
1/4 - 1/2 Mile
Lower

FED USGS USGS40000600053

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20ADA01	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19430101
Well Depth:	22	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	15.00	Feet to sea level:	Not Reported
Note:	Not Reported		

39
ENE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000198762

Well ID:	0000236365	Original Owner:	FRITZ, MARY
Well Elevation:	1378.1	Well Status:	Active
Well Use:	Domestic	Drill Depth:	42
Completion Depth:	42	Date Completed:	0
Casing Diameter:	0	Casing Depth:	0
Grouted:	U	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)		
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
Avg Static Water Level Depth:	20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K40
SSE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000121413

Well ID:	0000238349	Original Owner:	KAURALA, ANDREW
Well Elevation:	1379	Well Status:	Active
Well Use:	Domestic	Drill Depth:	0
Completion Depth:	0	Date Completed:	0
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	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	Bottom Open Strat Unit:	sand
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
Avg Static Water Level Depth:	0		

41
WNW
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000189682

Well ID:	0000139512	Original Owner:	BRIMSEK, JOHN
Well Elevation:	1401	Well Status:	Active
Well Use:	Domestic	Drill Depth:	52
Completion Depth:	52	Date Completed:	19770921
Casing Diameter:	7	Casing Depth:	52
Grouted:	N	Dist from Potential Contamination:	100
Direction to Potential Contamination:	S	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	gravel (+larger)-red		
Bottom Open Strat Unit:	gravel (+larger)-red		
Aquifer:	Quat. Buried Unconf. Aquife		
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
Avg Static Water Level Depth:	40		

K42
SSE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000295702

Well ID:	0000584591	Original Owner:	COSSALTER, PATIRCIK
Well Elevation:	1379	Well Status:	Active
Well Use:	Domestic	Drill Depth:	102
Completion Depth:	102	Date Completed:	19961211
Casing Diameter:	6	Casing Depth:	102
Grouted:	Y	Dist from Potential Contamination:	50
Direction to Potential Contamination:	N	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand +larger-gray		
Bottom Open Strat Unit:	sand +larger-gray		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Quat. Buried Artes. Aquifer	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	15.5		

L43
NE
1/4 - 1/2 Mile
Lower

MN WELLS MN6000000154584

Well ID:	0000505558	Original Owner:	GERENCHER, A.F.
Well Elevation:	1382	Well Status:	Active
Well Use:	Domestic	Drill Depth:	112
Completion Depth:	112	Date Completed:	19900725
Casing Diameter:	4	Casing Depth:	106
Grouted:	N	Dist from Potential Contamination:	74
Direction to Potential Contamination:	E	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic 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
Avg Static Water Level Depth:	6		

L44
NE
1/2 - 1 Mile
Lower

MN WELLS MN6000000157121

Well ID:	0000239207	Original Owner:	PETERSON, LUDVIG
Well Elevation:	1381	Well Status:	Active
Well Use:	Domestic	Drill Depth:	22
Completion Depth:	22	Date Completed:	19300000
Casing Diameter:	0	Casing Depth:	0
Grouted:	U	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	Bottom Open Strat Unit:	sand
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
Avg Static Water Level Depth:	6		

K45
SSE
1/2 - 1 Mile
Lower

MN WELLS MN6000000065353

Well ID:	0000238422	Original Owner:	ROBICH, VICTOR
Well Elevation:	1377	Well Status:	Active
Well Use:	Domestic	Drill Depth:	20
Completion Depth:	20	Date Completed:	19540000
Casing Diameter:	1.3	Casing Depth:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	U	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:	Quaternary deposit		
Bottom Open Strat Unit:	Quaternary deposit		
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
Avg Static Water Level Depth:	0		

L46
NE
1/2 - 1 Mile
Lower

FED USGS USGS40000576473

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W16BCD02	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19560101
Well Depth:	28	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1958-08-12
Feet below surface:	25.00	Feet to sea level:	Not Reported
Note:	Not Reported		

L47
NE
1/2 - 1 Mile
Lower

FED USGS USGS40000576474

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W16BCD	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19300101
Well Depth:	22	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1958-08-12
Feet below surface:	6.00	Feet to sea level:	Not Reported
Note:	Not Reported		

L48
NE
1/2 - 1 Mile
Lower

MN WELLS MN6000000013305

Well ID:	0000238367	Original Owner:	ERICKSON, FRED
Well Elevation:	1382	Well Status:	Active

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Use:	Domestic	Drill Depth:	28
Completion Depth:	28	Date Completed:	19560000
Casing Diameter:	0	Casing Depth:	0
Grouted:	U	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	Bottom Open Strat Unit:	sand
Aquifer:	Quat. Water Table Aquifer	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	25		

L49
NE
1/2 - 1 Mile
Lower

MN WELLS MN6000000076484

Well ID:	0000581157	Original Owner:	PAGLIARNI, HARRY WILLIAM
Well Elevation:	1383	Well Status:	Active
Well Use:	Domestic	Drill Depth:	92
Completion Depth:	92	Date Completed:	19970825
Casing Diameter:	4	Casing Depth:	89
Grouted:	Y	Dist from Potential Contamination:	55
Direction to Potential Contamination:	SW	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	gravel (+larger)-gray	Core Sample Taken:	Not Reported
Bottom Open Strat Unit:	gravel (+larger)-gray	Geochem Info Exists:	Not Reported
Aquifer:	Quat. Buried Artes. Aquifer	Observation Well:	Not Reported
Well Cuttings:	Not Reported		
Geophys Log Exists:	Not Reported		
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	8		

M50
SSE
1/2 - 1 Mile
Lower

MN WELLS MN6000000176163

Well ID:	0000198740	Original Owner:	KIVISTO, VERA
Well Elevation:	1377	Well Status:	Active
Well Use:	Domestic	Drill Depth:	120
Completion Depth:	120	Date Completed:	19830914
Casing Diameter:	6	Casing Depth:	120
Grouted:	N	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	Core Sample Taken:	Not Reported
Bottom Open Strat Unit:	sand +larger-brown	Geochem Info Exists:	Not Reported
Aquifer:	Quat. Buried Unconf. Aquife	Observation Well:	Not Reported
Well Cuttings:	Not Reported		
Geophys Log Exists:	Not Reported		
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L51
NE
1/2 - 1 Mile
Lower

MN WELLS MN6000000151792

Well ID:	0000536646	Original Owner:	COOMBE, TOM
Well Elevation:	1382	Well Status:	Active
Well Use:	Domestic	Drill Depth:	93
Completion Depth:	92	Date Completed:	19940830
Casing Diameter:	4	Casing Depth:	89
Grouted:	N	Dist from Potential Contamination:	51
Direction to Potential Contamination:	N	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	gravel (+larger)-gray		
Bottom Open Strat Unit:	gravel (+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
Avg Static Water Level Depth:	6		

N52
SW
1/2 - 1 Mile
Lower

MN WELLS MN6000000042090

Well ID:	0000526295	Original Owner:	STECKMAN, TED
Well Elevation:	1363	Well Status:	Active
Well Use:	Domestic	Drill Depth:	79
Completion Depth:	79	Date Completed:	19930604
Casing Diameter:	6	Casing Depth:	79
Grouted:	N	Dist from Potential Contamination:	50
Direction to Potential Contamination:	E	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand +larger-gray		
Bottom Open Strat Unit:	sand +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
Avg Static Water Level Depth:	35		

N53
SW
1/2 - 1 Mile
Lower

MN WELLS MN6000000293849

Well ID:	0000526297	Original Owner:	GORNIK, STEVE
Well Elevation:	1370	Well Status:	Active
Well Use:	Domestic	Drill Depth:	105
Completion Depth:	105	Date Completed:	19930623
Casing Diameter:	6	Casing Depth:	105
Grouted:	N	Dist from Potential Contamination:	50
Direction to Potential Contamination:	NW	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand +larger-gray		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Bottom Open Strat Unit:	sand +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
Avg Static Water Level Depth:	23		

O54
South
1/2 - 1 Mile
Lower

MN WELLS MN6000000197438

Well ID:	0000239216	Original Owner:	JOHNSON, ANGELINE
Well Elevation:	1378	Well Status:	Active
Well Use:	Domestic	Drill Depth:	113
Completion Depth:	113	Date Completed:	19550000
Casing Diameter:	4	Casing Depth:	0
Grouted:	U	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	95	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	16		

O55
South
1/2 - 1 Mile
Lower

MN WELLS MN6000000158133

Well ID:	0000238421	Original Owner:	PRINKKILA, ELLARD
Well Elevation:	1377	Well Status:	Active
Well Use:	Domestic	Drill Depth:	136
Completion Depth:	136	Date Completed:	19480000
Casing Diameter:	4	Casing Depth:	0
Grouted:	U	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	no record
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	16		

56
NE
1/2 - 1 Mile
Lower

MN WELLS MN6000000099347

Well ID:	0000238877	Original Owner:	USGS 16F
Well Elevation:	1379	Well Status:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Use:	Test Well	Drill Depth:	105
Completion Depth:	105	Date Completed:	19590807
Casing Diameter:	0	Casing Depth:	0
Grouted:	Not Reported	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:	till-gray	Bottom Open Strat Unit:	Not Reported
Aquifer:	Not Reported	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	Avg Static Water Level Depth:	0

57
WSW
1/2 - 1 Mile
Lower

MN WELLS MN600000060187

Well ID:	0000596834	Original Owner:	LEHMAN, MIKE
Well Elevation:	1366	Well Status:	Active
Well Use:	Domestic	Drill Depth:	98
Completion Depth:	98	Date Completed:	19971124
Casing Diameter:	6	Casing Depth:	98
Grouted:	Y	Dist from Potential Contamination:	50
Direction to Potential Contamination:	N	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	96	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation		
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
Avg Static Water Level Depth:	12		

O58
South
1/2 - 1 Mile
Lower

FED USGS USGS40000600012

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	57 N17W20ADD	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19480101
Well Depth:	136	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	16.00	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

P59
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000600011

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N21W21BCC	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19580101
Well Depth:	116	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	21.36	Feet to sea level:	Not Reported
Note:	Not Reported		

M60
SSE
1/2 - 1 Mile
Lower

MN WELLS MN6000000111293

Well ID:	0000238360	Original Owner:	BISS, WILLIAM
Well Elevation:	1375	Well Status:	Active
Well Use:	Domestic	Drill Depth:	116
Completion Depth:	116	Date Completed:	19580000
Casing Diameter:	4	Casing Depth:	0
Grouted:	U	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)		
Bottom Open Strat Unit:	gravel (+larger)		
Aquifer:	Quat. Buried Unconf. Aquife		
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
Avg Static Water Level Depth:	21.3999996185303		

O61
South
1/2 - 1 Mile
Lower

FED USGS USGS40000600006

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20ADD02	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19540101
Well Depth:	20	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Q62
SSW
1/2 - 1 Mile
Lower

MN WELLS MN6000000104429

Well ID:	0000238346	Original Owner:	STECKMAN, JENNY
Well Elevation:	1385	Well Status:	Active
Well Use:	Domestic	Drill Depth:	32
Completion Depth:	32	Date Completed:	19080000
Casing Diameter:	48	Casing Depth:	0
Grouted:	U	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)		
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
Avg Static Water Level Depth:	30		

P63
South
1/2 - 1 Mile
Lower

MN WELLS MN6000000099554

Well ID:	0000238347	Original Owner:	RAFFERTY, ANGELINE
Well Elevation:	1377	Well Status:	Active
Well Use:	Domestic	Drill Depth:	136
Completion Depth:	136	Date Completed:	19430000
Casing Diameter:	4	Casing Depth:	0
Grouted:	U	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation		
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
Avg Static Water Level Depth:	16		

R64
NE
1/2 - 1 Mile
Lower

MN WELLS MN6000000123356

Well ID:	0000238366	Original Owner:	VANDEPLASCH, LLOYD
Well Elevation:	1381	Well Status:	Active
Well Use:	Domestic	Drill Depth:	100
Completion Depth:	100	Date Completed:	19380000
Casing Diameter:	0	Casing Depth:	0
Grouted:	U	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	Bottom Open Strat Unit:	sand +larger

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Quat. Buried Artes. Aquifer	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	17		

O65
South
1/2 - 1 Mile
Lower

FED USGS USGS40000600001

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20ADD03	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19550101
Well Depth:	113	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	16.00	Feet to sea level:	Not Reported
Note:	Not Reported		

Q66
SSW
1/2 - 1 Mile
Lower

MN WELLS MN6000000073723

Well ID:	0000238345	Original Owner:	STECKMAN, THEODORE
Well Elevation:	1384	Well Status:	Active
Well Use:	Domestic	Drill Depth:	63
Completion Depth:	63	Date Completed:	19530000
Casing Diameter:	3	Casing Depth:	58
Grouted:	U	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)		
Bottom Open Strat Unit:	gravel (+larger)		
Aquifer:	Quat. Water Table Aquifer	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	13		

67
ESE
1/2 - 1 Mile
Lower

MN WELLS MN6000000084895

Well ID:	0000238879	Original Owner:	USGS 16P-TH1
Well Elevation:	1370	Well Status:	Not Reported
Well Use:	Test Well	Drill Depth:	117
Completion Depth:	117	Date Completed:	19590725
Casing Diameter:	0	Casing Depth:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Grouted:	Not Reported	Dist from Potential Contamination:	0
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Not Reported
Depth to Bedrock:	112	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Not Reported	Aquifer:	Not Reported
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
Avg Static Water Level Depth:	0		

P68
South
1/2 - 1 Mile
Lower

FED USGS USGS40000599995

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20ADD04	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19430101
Well Depth:	136	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	16.00	Feet to sea level:	Not Reported
Note:	Not Reported		

R69
NE
1/2 - 1 Mile
Lower

MN WELLS MN6000000189595

Well ID:	0000729062	Original Owner:	DICKSON, DENNIS
Well Elevation:	1383.4	Well Status:	Active
Well Use:	Domestic	Drill Depth:	101
Completion Depth:	101	Date Completed:	20050831
Casing Diameter:	6	Casing Depth:	101
Grouted:	Y	Dist from Potential Contamination:	50
Direction to Potential Contamination:	Not Reported	Type of Contamination:	Sewer
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	sand +larger-black		
Bottom Open Strat Unit:	sand +larger-black		
Aquifer:	Quat. Buried Artes. Aquifer	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	12		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R70
NE
1/2 - 1 Mile
Lower

MN WELLS MN6000000052095

Well ID:	0000611281	Original Owner:	MOTLEY, JOHN & DEBBIE
Well Elevation:	1382	Well Status:	Active
Well Use:	Domestic	Drill Depth:	86
Completion Depth:	86	Date Completed:	19990515
Casing Diameter:	6	Casing Depth:	86
Grouted:	Y	Dist from Potential Contamination:	50
Direction to Potential Contamination:	E	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic 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
Avg Static Water Level Depth:	11.5		

S71
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000599996

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20ACD	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19530101
Well Depth:	63	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

R72
NE
1/2 - 1 Mile
Lower

MN WELLS MN6000000031091

Well ID:	0000711619	Original Owner:	DICKSON, DENNIS
Well Elevation:	1384.12	Well Status:	Sealed
Well Use:	Domestic	Drill Depth:	86
Completion Depth:	85	Date Completed:	20040924
Casing Diameter:	4	Casing Depth:	81
Grouted:	Y	Dist from Potential Contamination:	26
Direction to Potential Contamination:	N	Type of Contamination:	Not Reported
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	boulder or boulders		
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
Avg Static Water Level Depth:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

T73
South
1/2 - 1 Mile
Lower

MN WELLS MN6000000140344

Well ID:	0000238351	Original Owner:	MACHEK, ANTHONY
Well Elevation:	1379	Well Status:	Active
Well Use:	Domestic	Drill Depth:	18
Completion Depth:	18	Date Completed:	19300000
Casing Diameter:	36	Casing Depth:	0
Grouted:	U	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	Bottom Open Strat Unit:	sand
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
Avg Static Water Level Depth:	16.5		

S74
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000599992

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20ACD02	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19080101
Well Depth:	32	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

T75
South
1/2 - 1 Mile
Lower

FED USGS USGS40000599989

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20DAA	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19300101
Well Depth:	18	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

T76
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000599988

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W21CBB	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19360101
Well Depth:	35	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

77
SSW
1/2 - 1 Mile
Lower

MN WELLS MN6000000065823

Well ID:	0000238352	Original Owner:	FORSMAN, EVERETT
Well Elevation:	1362	Well Status:	Active
Well Use:	Domestic	Drill Depth:	0
Completion Depth:	0	Date Completed:	0
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	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:	Quaternary deposit		
Bottom Open Strat Unit:	Not Reported	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
Avg Static Water Level Depth:	0		

78
NNE
1/2 - 1 Mile
Lower

MN WELLS MN6000000132660

Well ID:	0000645954	Original Owner:	HARVEY, ANN
Well Elevation:	1382	Well Status:	Active
Well Use:	Domestic	Drill Depth:	82
Completion Depth:	82	Date Completed:	20001207
Casing Diameter:	6	Casing Depth:	82
Grouted:	Y	Dist from Potential Contamination:	50
Direction to Potential Contamination:	E	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic 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
Avg Static Water Level Depth:	9.80000019073486		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

U79
SSW
1/2 - 1 Mile
Lower

MN WELLS MN6000000090160

Well ID:	0000170486	Original Owner:	FORSMAN, MICHAEL
Well Elevation:	1384	Well Status:	Active
Well Use:	Domestic	Drill Depth:	84
Completion Depth:	84	Date Completed:	19800225
Casing Diameter:	6	Casing Depth:	84
Grouted:	N	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		
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
Avg Static Water Level Depth:	20		

80
SSE
1/2 - 1 Mile
Lower

MN WELLS MN6000000093733

Well ID:	0000238359	Original Owner:	HILLMAN, BESSIE
Well Elevation:	1375	Well Status:	Active
Well Use:	Domestic	Drill Depth:	35
Completion Depth:	35	Date Completed:	19360000
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	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:	Quaternary deposit		
Bottom Open Strat Unit:	Quaternary deposit		
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
Avg Static Water Level Depth:	0		

U81
SSW
1/2 - 1 Mile
Lower

MN WELLS MN6000000038656

Well ID:	0000238885	Original Owner:	USGS 20K
Well Elevation:	1383	Well Status:	Not Reported
Well Use:	Test Well	Drill Depth:	111
Completion Depth:	111	Date Completed:	19590807
Casing Diameter:	0	Casing Depth:	0
Grouted:	Not Reported	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+silt	Bottom Open Strat Unit:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer:	Not Reported	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	Avg Static Water Level Depth:	0

V82
WSW
1/2 - 1 Mile
Lower

FED USGS USGS4000600067

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W20BBD	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19560101
Well Depth:	26	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1958-08-20
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

V83
WSW
1/2 - 1 Mile
Lower

MN WELLS MN6000000290128

Well ID:	0000794652	Original Owner:	ISAACSON, MARK
Well Elevation:	1378.4	Well Status:	Active
Well Use:	Domestic	Drill Depth:	73
Completion Depth:	66	Date Completed:	20130228
Casing Diameter:	4	Casing Depth:	61
Grouted:	Y	Dist from Potential Contamination:	65
Direction to Potential Contamination:	S	Type of Contamination:	Sewer
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	pebbly sand/silt/clay		
Bottom Open Strat Unit:	gravel (+larger)-black		
Aquifer:	Quat. Buried Unconf. Aquife		
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
Avg Static Water Level Depth:	18		

V84
WSW
1/2 - 1 Mile
Lower

MN WELLS MN6000000173802

Well ID:	0000238348	Original Owner:	ISAACSON, JOHN
Well Elevation:	1374	Well Status:	Active
Well Use:	Domestic	Drill Depth:	26
Completion Depth:	26	Date Completed:	19560000
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	Dist from Potential Contamination:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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	Bottom Open Strat Unit:	sand +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
Avg Static Water Level Depth:	12		

85
WSW
1/2 - 1 Mile
Lower

MN WELLS MN600000005437

Well ID:	0000571261	Original Owner:	GASPERLIN, RICHARD
Well Elevation:	1390	Well Status:	Active
Well Use:	Domestic	Drill Depth:	145
Completion Depth:	145	Date Completed:	19951220
Casing Diameter:	6	Casing Depth:	112
Grouted:	Y	Dist from Potential Contamination:	50
Direction to Potential Contamination:	N	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	112	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	3.5		

W86
South
1/2 - 1 Mile
Lower

FED USGS USGS40000599957

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W21CBC	Type:	Well
Description:	Not Reported	HUC:	04010201
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:	19340101
Well Depth:	43	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1958-08-13
Feet below surface:	15.00	Feet to sea level:	Not Reported
Note:	Not Reported		

87
North
1/2 - 1 Mile
Lower

FED USGS USGS40000600279

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	57 N16W08DDD	Type:	Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description:	Not Reported	HUC:	04010201
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:	19741011
Well Depth:	78	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

W88
South
1/2 - 1 Mile
Lower

MN WELLS MN6000000044000

Well ID:	0000562945	Original Owner:	NORMAN, ROBERT
Well Elevation:	1380	Well Status:	Active
Well Use:	Domestic	Drill Depth:	163
Completion Depth:	163	Date Completed:	19950924
Casing Diameter:	4	Casing Depth:	138
Grouted:	Y	Dist from Potential Contamination:	55
Direction to Potential Contamination:	W	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	138	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation		
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
Avg Static Water Level Depth:	28		

W89
South
1/2 - 1 Mile
Lower

MN WELLS MN6000000121415

Well ID:	0000238358	Original Owner:	ZUG, FRANK
Well Elevation:	1381	Well Status:	Active
Well Use:	Domestic	Drill Depth:	43
Completion Depth:	43	Date Completed:	19340000
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	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:	Quaternary deposit		
Bottom Open Strat Unit:	Quaternary deposit		
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
Avg Static Water Level Depth:	15		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

X90
NNW
1/2 - 1 Mile
Lower

MN WELLS MN6000000035037

Well ID:	0000238880	Original Owner:	USGS 17C-TH1
Well Elevation:	1394	Well Status:	Not Reported
Well Use:	Test Well	Drill Depth:	40
Completion Depth:	40	Date Completed:	19570622
Casing Diameter:	0	Casing Depth:	0
Grouted:	Not Reported	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	Bottom Open Strat Unit:	Not Reported
Aquifer:	Not Reported	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	Avg Static Water Level Depth:	0

X91
NNW
1/2 - 1 Mile
Lower

MN WELLS MN6000000038654

Well ID:	0000238881	Original Owner:	USGS 17C-TH2
Well Elevation:	1394	Well Status:	Not Reported
Well Use:	Test Well	Drill Depth:	34
Completion Depth:	34	Date Completed:	19570622
Casing Diameter:	0	Casing Depth:	0
Grouted:	Not Reported	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:	boulder or boulders		
Bottom Open Strat Unit:	Not Reported	Aquifer:	Not Reported
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
Avg Static Water Level Depth:	0		

W92
South
1/2 - 1 Mile
Lower

FED USGS USGS40000599938

Organization ID:	USGS-MN	Organization Name:	USGS Minnesota Water Science Center
Monitor Location:	057N17W21CCB	Type:	Well
Description:	Not Reported	HUC:	04010201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19500101
Well Depth:	40	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

93
NW
1/2 - 1 Mile
Lower

MN WELLS MN6000000082192

Well ID:	0000238416	Original Owner:	GUSTAFSON, MARY
Well Elevation:	1393	Well Status:	Active
Well Use:	Domestic	Drill Depth:	93
Completion Depth:	93	Date Completed:	19380000
Casing Diameter:	4	Casing Depth:	0
Grouted:	U	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:	Quaternary deposit		
Bottom Open Strat Unit:	Quaternary deposit		
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
Avg Static Water Level Depth:	11.6999998092651		

Y94
South
1/2 - 1 Mile
Lower

MN WELLS MN6000000013304

Well ID:	0000238357	Original Owner:	SNIDARICH, JERRY
Well Elevation:	1375	Well Status:	Active
Well Use:	Domestic	Drill Depth:	40
Completion Depth:	40	Date Completed:	19500000
Casing Diameter:	1.3	Casing Depth:	0
Grouted:	U	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:	Quaternary deposit		
Bottom Open Strat Unit:	Quaternary deposit		
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
Avg Static Water Level Depth:	0		

X95
NNW
1/2 - 1 Mile
Lower

MN WELLS MN6000000020952

Well ID:	0000144864	Original Owner:	ISLE, BILL
Well Elevation:	1394	Well Status:	Active
Well Use:	Domestic	Drill Depth:	37
Completion Depth:	37	Date Completed:	19770914
Casing Diameter:	6	Casing Depth:	37
Grouted:	U	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)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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
Avg Static Water Level Depth:	7		

96
ENE
1/2 - 1 Mile
Lower

MN WELLS MN6000000086609

Well ID:	0000187935	Original Owner:	REED, JOE
Well Elevation:	1374	Well Status:	Sealed
Well Use:	Abandoned	Drill Depth:	182
Completion Depth:	182	Date Completed:	19820731
Casing Diameter:	6	Casing Depth:	153
Grouted:	N	Dist from Potential Contamination:	100
Direction to Potential Contamination:	E	Type of Contamination:	Septic Tank/Drain Field
Depth to Bedrock:	153	First Stratigraphic Unit:	Virginia Formation
Last Stratigraphic Unit:	Virginia Formation		
Bottom Open Strat Unit:	Virginia Formation		
Aquifer:	Virginia Formation	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	3		

Y97
South
1/2 - 1 Mile
Lower

MN WELLS MN6000000091537

Well ID:	0000563264	Original Owner:	DIERYCK, RON
Well Elevation:	1371	Well Status:	Active
Well Use:	Domestic	Drill Depth:	158
Completion Depth:	138	Date Completed:	19950918
Casing Diameter:	6	Casing Depth:	138
Grouted:	Y	Dist from Potential Contamination:	80
Direction to Potential Contamination:	E	Type of Contamination:	Other
Depth to Bedrock:	0	First Stratigraphic Unit:	Not Reported
Last Stratigraphic Unit:	gravel (+larger)-gray		
Bottom Open Strat Unit:	gravel (+larger)-gray		
Aquifer:	Quat. Buried Artes. Aquifer	Core Sample Taken:	Not Reported
Well Cuttings:	Not Reported	Geochem Info Exists:	Not Reported
Geophys Log Exists:	Not Reported	Observation Well:	Not Reported
Water Chemistry Info Exists:	Not Reported		
Avg Static Water Level Depth:	50		

98
NNW
1/2 - 1 Mile
Lower

MN WELLS MN6000000170543

Well ID:	0000238417	Original Owner:	MAKI, UNO
Well Elevation:	1402	Well Status:	Active

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Use:	Domestic	Drill Depth:	80
Completion Depth:	80	Date Completed:	19520000
Casing Diameter:	4	Casing Depth:	0
Grouted:	U	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)		
Bottom Open Strat Unit:	gravel (+larger)		
Aquifer:	Quat. Buried Unconf. Aquife		
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
Avg Static Water Level Depth:	20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MN Radon

Radon Test Results

Zipcode	Num Tests	Minimum	Maximum	Average	# > 4 pCi/L	# < 4 pCi/L
55734	76	0.0	500.0	13.6	30	46

Federal EPA Radon Zone for ST LOUIS County: 2

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

Federal Area Radon Information for Zip Code: 55734

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.760 pCi/L	60%	40%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 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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Appendix G

User Questionnaire

PHASE I ENVIRONMENTAL ASSESSMENT CLIENT QUESTIONNAIRE

Per ASTM Standard Practice E 1527-13, Section 6, User Responsibilities, the User of an ESA has specific obligations for performing tasks during the ESA that will help identify the possibility of *recognized environmental conditions* in connection with the Site. Failure by the User to fully comply with the requirements may result in a *data gap* being identified in the report and may impact their ability to use the report to help qualify for *Landowner Liability Protections* (LLPs) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). If this questionnaire is not returned to BAY WEST prior to issuance of the draft report, then Bay West assumes that the User does not have any information or actual knowledge pursuant to ASTM Standard Practice E 1527-13, Section 6, User Responsibilities. Bay West makes no representations or warranties regarding a User's qualification for protection under any federal, state or local laws, rules or regulations.

Please complete the following and return immediately via email or fax to the attention of:
Paul Raymaker of Bay West at praymaker@baywest.com.

If other parties are intending to be the Users of the ESA report, then please forward a copy of this questionnaire for them to complete and return to Bay West.

Site Name: [TZ 90169](#)

Site Address: [7907 Thunderbird Trl E, Eveleth, Fayal Township, Minnesota](#)

Bay West Project Number: [J180892](#)

Please provide the following information (if available) per the requirements of ASTM E 1527-13.

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)

Are you aware of any environmental cleanup liens against the site that are filed or recorded under federal, tribal, state or local law? Yes or No If yes, please provide a description of the lien(s).

2. Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? Yes or No If yes, please provide.

3. Specialized knowledge or experience of the person seeking to qualify for the Landowner Liability Protections (40 CFR 312.28)

As the user of this ESA do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Yes or No If yes, please explain.

4. Relationship of the purchase price to the fair market value of the site if it were not contaminated (40 CFR 312.29)

a. Does the purchase price being paid for this site reasonably reflect the fair market value of the site? Yes or No

Price hasn't been discussed yet. MnDOT will be required to pay a fair price.

b. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site? Yes or No If yes, please explain.

5. Commonly known or reasonably ascertainable information about the site (40 CFR 312.30)

Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

a. Do you know the past uses of the site? Yes or No If yes, please state.
It was a gravel pit.

b. Do you know of specific chemicals that are present or once were present at the site? Yes or No If yes, please state.

c. Do you know of spills or other chemical releases that have taken place at the site? Yes or No If yes, please state.

6. Do you know of any environmental cleanups that have taken place at the site?
Yes or No If yes, please state.

7. The degree of obviousness of the presence or likely presence of contamination at the site, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)

As the user of this ESA, based on your knowledge and experience related to the site are there any obvious indicators that point to the presence or likely presence of contamination at the site?

Yes or No If yes, please explain.

There are some bullet casings. It is likely that some target shooting has taken place in the gravel pit and lead bullets are in a bank or banks.

This questionnaire was completed by:

Name Andy Johnson

Title D1 Assistant Maintenance Engineer

Signature _____

Company of User MnDOT

Address of User 101 Hoover Rd N

Virginia MN 55792

Date 01/07/2019

Appendix H

Property Photographic Log



Photo 1: Driveway to property at SE corner; facing N



Photo 2: Old fuel can near SE driveway; facing W



Photo 3: Opening in trees with an apparent driveway from SE driveway; facing NE



Photo 4: Apparent back driveway for neighboring 7897 property that is on 7907 parcel; facing N



Photo 5: Sign for sewer manhole just south of lakeshore along E side of property; facing N

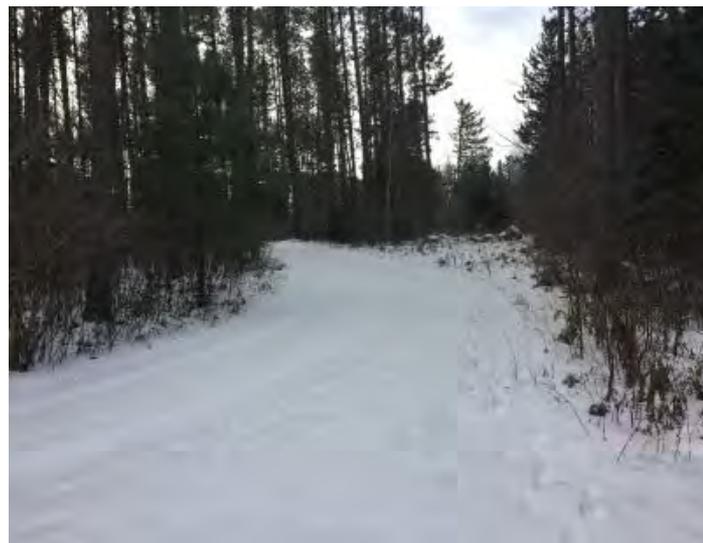


Photo 6: Looking back along back driveway to 7897; old entrance to 7907 parcel visibly blocked by rocks; facing SW



Photo 7: Old entrance “blocked by rocks” in Photo 6 as it meets SE driveway; facing NW



Photo 8: Small berm feature along tree line E of open gravel pit area; facing E



Photo 9: Apparent piece of old tank of some sort along trail between gravel pit and lake (see map)



Photo 10: Woods along W shore of lake between gravel pit and lake; facing E



Photo 11: ATV and walking trail along tree line E of gravel pit; facing N



Photo 12: Example of ATV usage in gravel pit at site; facing SW



Photo 13: ATV and walking trail onto point of land near NE corner of parcel; facing NE



Photo 14: ATV trail along lake and apparent “boat landing” on NE point of land; facing NNW



Photo 15: Trash pile at “boat landing” on NE point of land



Photo 16: Gravel pit from N perimeter; facing SE along E edge



Photo 17: N edge of gravel pit; facing NNW



Photo 18: ATV trail down into gravel pit; facing SSW



Photo 19: Woods between gravel pit and St. Mary's Lake near NW corner of parcel; facing NNE



Photo 20: Pile of appliances N of gravel pit (see map)



Photo 21: Gravel pit from NW entrance road; facing SSE



Photo 22: Topography of gravel pit and old tire near NW corner of pit; facing SW



Photo 23: ATV/snowmobile trail along W edge of parcel; facing N



Photo 24: Gate for SE driveway into property; facing N



Photo 25: 7902 and 7916 properties on Thunderbird Trail; facing SSW



Photo 26: 7916 and 7924 properties and Thunderbird Trail; facing WSW



Photo 27: 7930 Thunderbird Trail property; facing S



Photo 28: Businesses at 4097 and 4105 Hwy 53; facing SW across Hwy 53



Photo 29: Business at 4111 Hwy 53; facing W across Hwy 53



Photo 30: Vacant portion of property in Photo 29, N of buildings; facing W across Hwy 53



Photo 31: 7897 Thunderbird Trail property; facing E

Appendix I

Resumes

EDUCATION

- BS Geoscience, Winona State University - Winona, 2006

TRAINING/REGISTRATIONS/CERTIFICATIONS/LICENSES

- Professional Geologist – State of Minnesota - #51597
- DOT Hazardous Materials Training (49 CFR 172)
- Niton XRF Spectrum Analyzer Certified
- Confined Space Trained
- 40-hour HAZWOPER Training w/Current Refresher
- CPR/First Aid Certification

YEARS OF EXPERIENCE

With Bay West Since: July 9, 2012

Relevant Industry Experience Since: May 25, 2006

SUMMARY/EXPERIENCE HIGHLIGHTS

Mr. Raymaker has 12 years of experience performing environmental field work, report preparation, data analysis, and project management. Mr. Raymaker's field experience includes performing sampling, monitoring, and equipment operation for site investigations and he has experience in the use of field monitoring equipment, and field documentation. He has provided hands-on training in soil logging and sampling, groundwater sampling, and various other field tasks to field personnel. Mr. Raymaker has prepared various technical documents such as Phase I, Phase II, RI and Cleanup Action reports, work plans, sampling and analysis plans, and conceptual site models. Mr. Raymaker has managed projects for a variety of state and commercial clients, including the Minnesota Pollution Control Agency and Minnesota Department of Transportation. He is responsible for all phases of projects, including proposal and work plan development, budget management, field supervision, report preparation, and technical review.

PROJECT EXPERIENCE

Project Manager, St. Louis River Area of Concern, Duluth, MN

Development along the St. Louis River (SLR) over the past 130 years has contributed to contaminated sediments, prompting the designation of 73 miles of the lower SLR as 1 of 43 Great Lakes Areas of Concern (AOCs). Bay West completed RIs and FFSs for 11 sites throughout the St. Louis River Area of Concern through multiple work orders to identify the nature and extent of contaminated sediments, and to develop and evaluate a range of remedial action alternatives to mitigate risk to human health and the environment. The RIs and FFSs will be used to aid cleanup of these sites to help the SLR AOC attain restoration goals for beneficial use impairment reduction. Mr. Raymaker was responsible for preparing and managing project budgets, preparing project invoices, managing office and field teams, authoring project documents, and client communications throughout the project.

Project Manager, TH12-22 Corridor Phase I/II ESA, Litchfield, MN

In preparation of a new storm sewer and traffic signals to be constructed within the ROW, Bay West completed a Phase I/II to assist MnDOT with soil and groundwater management decisions during construction. 63 sites were reviewed and ranked to identify potentially contaminated properties. Bay

West then advanced 19 soil borings at locations throughout the Project Area to determine the presence and magnitude of soil and groundwater contamination. Mr. Raymaker was responsible for preparing and managing the project budget, preparing project invoices, managing office and field teams, and communicating changes and findings throughout the project.

Project Manager, CSAH 101 Corridor Phase I ESA, Hennepin County, MN

In preparation for reconstruction of the approximately 1.5-mile CSAH 101 corridor in Minnetonka, Mr. Raymaker oversaw and managed project Phase I ESA activities. Project deadlines and requirements revolved around frequently changing corridor construction activities, requiring regular communication between Mr. Raymaker and the Hennepin County PM. 71 sites were reviewed within a 500-ft. buffer of the corridor to identify sites with potential soil and/or groundwater contamination that may impact reconstruction activities. Mr. Raymaker was responsible for preparing and managing the project budget, preparing project invoices, and communicating changes and findings throughout the project.

Project Manager, SR#117 Pigs Eye Lake, St, Paul, MN

Pigs Eye Lake is located adjacent to the southern portion of the Pigs Eye landfill. The Landfill includes the former Pig's Eye Dump and a closed sludge ash disposal facility. Bay West assembled historical sediment data from the lake and investigated a 24-acre portion of Pig's Eye Lake and emergent lacustrine wetlands. The investigation included collection of sediment cores for characterization and laboratory analysis of grain size, select metals, PCBs, PFCs (including PFOS and PFOA). Mr. Raymaker completed data mining, figure preparation, Field Sampling Plan preparation, organized field activities, and authored a report consisting of documentation of field and analytical results and a conceptual site model. Mr. Raymaker also generated invoices for the project and communicated findings to the MPCA project manager.

Project Manager, L#19417 Kuglin Residence, Rochester, MN

Bay West conducted a fuel oil spill investigation beneath the concrete basement floor at the Site following a release of approximately 200 gallons of fuel oil during bathroom renovation activities. Subsequently, Bay West excavated impacted soil to the maximum extent practicable, installed passive and active sub-slab venting systems, including the installation of an active VE system equipped with a ½ horsepower blower, to reduce vapor intrusion risk. These activities required frequent clear communication between the homeowner and MPCA PM to accommodate the homeowner while navigating the site to closure.

Project Manager, Limited Site Investigation, Various Locations, MN

Mr. Raymaker managed 20 Limited Site Investigations (LSI) at various locations throughout Minnesota. Project management duties included directing field activities, assisting in preparation of and reviewing LSI Reports. Budget management of these projects was critical to ensure maximum reimbursement of project costs through the Petrofund. Mr. Raymaker completed these projects on time and under budget.

EMPLOYMENT HISTORY

Bay West LLC, St. Paul, MN, July 2012-Present

Landau Associates, Edmonds, WA, May 2010-July 2012

Senior Staff Geologist

- Worked closely with clients such as the Port of Tacoma, the Port of Everett, and The Boeing Company, in conjunction with the Washington State Department of Ecology, to develop, coordinate, implement, and report environmental investigations

- Managed and implemented projects as small as residential UST removals to a large scale remedial investigation for the Lower Duwamish Waterway source control project, managed by the EPA and the Washington State Department of Ecology
- Extensive experience in field techniques such as soil logging and sampling procedures, soil vapor sampling, ambient air sampling, well development, and low-flow groundwater sampling using a variety of pumps and equipment
- Provided hands-on training in soil logging and sampling, groundwater sampling, and various other field tasks to entry level field personnel
- Authored various technical documents such as Phase I, Phase II, Remedial Investigation, and Cleanup Action reports and work plans

Cardno ERI (formerly Environmental Resolutions Inc.), Tukwila, WA, June 2007-May 2010

Senior Staff Geologist

- Provided geologic and remedial assessment for multiple project sites through subsurface investigations and environmental site assessments
- Assisted in the implementation of remediation systems by designing and overseeing the installation of air-sparge, soil vapor extraction, and dual phase extraction wells
- Experienced in soil classification and field sampling procedures and acted as lead supervisor on-site
- Authored various reports for environmental assessment such as well installation, quarterly monitoring, and sensitive receptor survey reports
- Coordinated with the Washington State Department of Ecology to obtain No Further Action letters through the Voluntary Cleanup Program process and experienced in permitting processes with agencies such as King County Industrial Waste and Puget Sound Clean Air Agency

ERIK NIMLOS, PG
Staff Professional II/Geologist

EDUCATION

- MS, Geological Sciences, State University of New York at Buffalo, 2009
- BS, Geology, Wheaton College, IL, 2006

TRAINING/REGISTRATIONS/CERTIFICATIONS/LICENSES

- PG (Minnesota License #53949, expires June 30, 2020)
- 40-hour HAZWOPER Training w/Current Refresher
- Asbestos Inspector (Minnesota License #AI12856, expires March 7, 2019)
- CPR/First Aid Certification

YEARS OF EXPERIENCE

With Bay West Since: May 29, 2018

Relevant Industry Experience Since: July 7, 2008

SUMMARY/EXPERIENCE HIGHLIGHTS

Mr. Nimlos has experience performing environmental field work including data collection, water quality and soil sampling and analysis. He has conducted all aspects of Phase I ESAs including historical data research and analysis, site reconnaissance and document preparation. He has served as field lead/site supervisor on numerous Phase II investigations on petroleum, metals, and solvent contaminated sites. Additional experience includes oversight of water well installation, brownfield redevelopment construction, groundwater and soil vapor remediation system installation, and pre-demolition building surveys.

Mr. Nimlos has performed and managed Phase I ESAs and desktop property transaction screening, LECAs, Phase II ESAs, LSIs, RIs, and DRAPs for petroleum and chlorinated solvent investigations at multiple sites across Minnesota and throughout the US. He has assessed all types of properties including multi-unit residential properties, brownfields, commercial and industrial buildings, oil terminals, landfills, and large highway corridors. He has compiled and analyzed data from soil, groundwater, soil gas, and geological databases.

PROJECT EXPERIENCE

Scientist II, TH95 Corridor Phase II ESA, Bayport, MN

In preparation of a new storm sewer and traffic signals to be constructed within the ROW, Bay West completed a Phase II to assist MnDOT with soil and groundwater management decisions during construction. 13 sites were reviewed and ranked to identify potentially contaminated properties. Bay West then advanced 9 soil borings at locations throughout the Project Area to determine the presence and magnitude of soil and groundwater contamination. Mr. Nimlos was responsible for preparing and managing the writing and production of the Phase II ESA report and deliverables.

Scientist II, Phase I ESA: East 33rd and 35th Street Corridors, City of Minneapolis Public Works, Minneapolis, MN

Performed a Phase I ESA assessing 19 properties along two street corridor ROWs in anticipation of future road reconstruction. Mr. Nimlos assessed the properties for representative risk to future construction activities based on a three-tiered system, accounting for historical uses, current property status, municipal agency file review, and regulatory database listings.

Project Manager. Vapor Intrusion Assessment: Former Pilgrim Cleaner's, Minnesota Pollution Control Agency (MPCA), Brooklyn Center, MN

Managed the installation and sampling of sub-slab soil vapor points at nine private residences and the installation of vapor mitigation systems at four private residences above a tetrachloroethene/trichloroethene vapor plume from former dry cleaning operations. Project management included budgeting, field coordination between homeowners and sub-contractors/Bay West staff, and regulatory reporting to the MPCA. Preparation of sub-slab vapor mitigation system plans and specification and reporting of vapor intrusion site data in accordance with MPCA guidance.

Project Manager, Phase II ESA: former automotive repair facility, undisclosed client, Farmington, MN

Project management experience included preparing a scope of work based on a review of the previously-performed Phase I ESA in consideration of the sale of the property to a third party. Following sample collection and reporting to the client, Mr. Nimlos reported the Phase II ESA findings to the State Duty Officer to ensure compliance with MN statutes.

Scientist II, Phase I ESA: Chaska Hot Spot, City of Chaska and Chaska Growth Holdings, Chaska, MN

Mr. Nimlos performed a rapid turnaround Phase I ESA in order to facilitate a property transfer from municipal to private ownership in order to meet stakeholders' deadline. Performance of the Phase I ESA required review of numerous previous investigations performed at the site with three previously-reported petroleum releases and decades of monitoring data.

Scientist II, Limited Site Investigation – Abandoned Farmstead, WI DNR, Frederic, WI

Mr. Nimlos scoped and managed an investigation of lead contamination in soil associated with demolition of a structures on an abandoned farmstead in Frederic, Wisconsin. Project tasks included scoping the investigation, preparing a Sampling and Analysis Plan (SAP), soliciting subcontractor cost estimates, scheduling, internal staff management, budget tracking, client liaison, invoicing, and final report preparation.

Project Geologist (Terracon), VIC/PBP Program Enrollment, Park Plaza Hotel, Bloomington, MN

During property acquisition, Mr. Nimlos provided due-diligence services for the buyer. Services included Phase I & II ESAs, VIC/PBP application, past and proposed actions letters, additional assessment for soil vapor and indoor air, and requests for file closure and no association assurances.

Senior Staff Geologist (Terracon), Brownfield Redevelopment Management – Undisclosed retail pharmacy, undisclosed client, Albany, MN

Project management included Phase I ESA, Phase II ESA, submission of Petroleum Brownfield Program application to MPCA, development and implementation of a Remedial Action Plan (RAP) during site redevelopment from a vacant parking lot to a retail pharmacy store. The site had historically been developed as a gasoline station and metal plating facility adjacent to railroad tracks. Corrective actions at the redevelopment site included vapor barrier installation, contaminated soil removal, and emplacement of clean fill buffers. The site received RAP response action approval following implementation report submission to the MPCA.

Senior Staff Geologist (Terracon), Excavation Report, Holiday Station #218 – Burnsville, MN

Project work included oversight for remedial efforts during former storage tank removal and new tank upgrades. Remedial actions included soil screening, soil excavation oversight and vapor barrier installation oversight. Report was prepared for client and the Minnesota Pollution Control Agency detailing excavation and requesting regulatory spill closure.

Senior Staff Geologist (Terracon), Due-diligence Services, undisclosed commercial properties – La Crosse, WI

Project work included site reconnaissance and Phase I ESA report for three adjacent properties in former industrial area. Phase II subsurface ESA investigation oversight involved work plan preparation, sub-contractor coordination and reporting on findings and conclusions. Wisconsin Department of Natural Resources was contacted for regulatory guidance and assistance.

Geologist (AKRF, Inc.), New City Plaza Brownfields Site – New City, NY

Project work included contaminant plume delineation through groundwater sampling, sub-slab depressurization maintenance, sub-slab soil vapor sampling, new groundwater monitoring well installation and soil screening. Groundwater sampling data and plume delineation investigation results and recommendations for additional remediation work were reported to the client and NYSDEC.

Staff Professional (Antea Group), On-going Remedial Investigation, BP Brooklyn Terminal – Greenpoint-Brooklyn, NY

Project work included remediation system O & M for a multi-well pump-and-treat system; remedial investigation including soil characterization and soil vapor sampling; reporting including quarterly remedial reports to the NYSDEC and free petroleum product in soil estimation.

Geophysical Technician (NAEVA Geophysics), Former Exxon Port Oil Terminal – Mount Vernon, NY

Project work included subsurface utility delineation using radio-frequency utility-locating instruments and ground-penetrating radar. Subsurface petroleum tank basins and infrastructure were mapped using EM-61 electromagnetic survey. Figures were created showing electromagnetic potential across the site using Surfer, AutoCAD, and Geosoft Oasis Montaj.

EMPLOYMENT HISTORY

Bay West LLC, St. Paul, Minnesota, May 2018 - Present

Terracon Consultants, Inc., Plymouth, Minnesota, January 2014 - May 2018

Senior Staff Geologist/Project Geologist

- *Due diligence group practices included the following: property transaction screenings, Phase I ESAs; LSIs; LECAs; MPCA VIC/PB Program Applications and enrollment; RAP creation and implementation; leak site closure requests; and MDC Petrofund reimbursement applications. Water resource group practices included the following: MDH Wellhead Protection Plan preparation (Parts 1 and 2); drinking water supply well installation oversight; long-term water level monitoring; EAW preparation; and exploratory industrial water resource evaluation. Management responsibilities included project scope and budget directing, direct client consulting, direction of junior staff for report writing and field investigations, and QA/QC of project portfolio deliverables.*

AKRF, Inc., White Plains, New York, April 2012 - January 2014,

Geologist

- *Managed Phase I ESAs through site visit coordination, data review, reporting and preparing client deliverables. Conducted Phase II ESAs: work plan development; prepare cost estimates; coordinate with subcontractors; perform field collection of soil, groundwater, and soil vapor samples; data compilation and report completion. Performed remediation oversight (community air monitoring, SSDS/vapor barrier installation, waste characterization, landfill closure) at new construction projects in Brooklyn, the Bronx, and White Plains, New York. Groundwater database management for sites of various contaminant and geological settings. Training of junior staff in field sampling and remediation oversight.*

Antea Group, Valhalla, New York, November 2010 - April 2012

Staff Professional

- *Conducted remedial field investigations involving groundwater, soil and soil vapor sampling techniques, site condition reconnaissance, and remediation system maintenance for petroleum industry clients. Maintained accuracy and currency of environmental groundwater databases using Microsoft Excel. Assisted in creating remediation reports and environmental permits for NYSDEC. Managed contractor health and safety compliance in office and field settings and update site-specific health and safety plans.*

NAEVA Geophysics, Congers, New York, July 2008 - November 2010

Geophysical Technician

- *Co-managed ground-penetrating radar and electromagnetic geophysical surveys involving data acquisition, processing and field mapping. Performed data analysis and interpolation of geophysical data and located subsurface utilities using Geosoft, Surfer and AutoCAD. Exceeded at customer service through proposal writing, project scheduling and explaining complex geophysical concepts to non-scientists. Created software and methodology tutorials for staff and draft field maps using AutoCAD while in the office.*

BRANDON FLAADA

Project Manager/Hydrogeologist



EDUCATION

- BS Hydrogeology/Environmental Geology, University of Minnesota - Duluth, 1997

TRAINING/REGISTRATIONS/CERTIFICATIONS/LICENSES

- Certified Asbestos Inspector - MN #AI9574; WI #AII-186443
- 40-Hour OSHA Hazwoper Training w/ current Refresher
- National Incident Command System (NIMS) (ICS-100, 200, 300, 400, 700, 800)
- Transportation Worker Identification Credential (TWIC)
- Pipeline Safety Training, Enbridge
- Superior Refining LLC Contractor Safety Training
- Certified e-RAILSAFE
- USACE Construction Quality Management (CQM) for Contractors Training
- CN Railway Dangerous Goods Responder
- BNSF Railway HazMat Responder
- CPR/First Aid Certification

YEARS OF EXPERIENCE

With Bay West since: September 28, 2009

Industry Experience Since: October 1997

SUMMARY/EXPERIENCE HIGHLIGHTS

Mr. Flaada has a total of 21 years of experience in the environmental consulting industry. Mr. Flaada's experience includes environmental investigation, remediation, and clean-up projects for the Minnesota Pollution Control Agency, Minnesota Department of Transportation, the Wisconsin DNR, the United States Coast Guard, the United States Postal Service, the Army Corps of Engineers, and numerous commercial customers. His experience includes project management, site supervisor, and field technician roles on Phase I/II Environmental Site Assessments and remedial investigations, preparing Corrective Action Designs, managing RCRA waste, storm water sampling, and performing hazardous material surveys.

His experience includes oversight of petroleum storage tank removals; performing maintenance of LNAPL recovery systems, installation and maintenance of soil vapor extraction, groundwater air sparging, and multi-phase extraction systems; investigations of petroleum and non-petroleum-related releases that include soil, groundwater and soil-gas vapor sampling utilizing soil borings and excavations; laser-induced fluorescence (LIF) boring oversight; monitoring well installation oversight and sampling; asbestos and lead-based paint sampling, monitoring, and surveying; mercury vapor screening; and anthrax sampling. He has also performed pilot tests for various remediation systems at petroleum sites and was on a team of EPA contractors providing oversight at clean-up sites in California after the 2017 fires. He is knowledgeable of State & EPA guidance, including RCRA, TSCA, SARA, and US DOT regulations.

He has worked on numerous surface water and storm water sampling projects that included collecting measurements and/or water samples at permit-specified sampling locations. Field measurements included field natural attenuation parameters, flow rates, and depths. These projects have included sampling for National Pollutant Discharge Elimination System (NPDES) permits at large industrial sites and Stormwater Pollution Prevention Plan (SWPPPs) for MPCA Industrial Stormwater Permits at other government-owned facilities. This

experience included coordination with clients for schedule and access, bottle orders from the lab, setting passive sample collectors (if applicable), sample collection, and coordinating sample shipment to the lab.

Mr. Flaada has six years of experience as a project manager managing remedial investigation, multi-site well installation & groundwater monitoring projects, and emergency response projects. Projects include tank removal oversight, subcontractor bidding and coordination, groundwater, soil, and vapor sampling, groundwater well and vapor port installation oversight, data review, report preparation, and client and regulatory contact. He has prepared remedial investigation reports for the numerous state programs documenting soil, vapor, and groundwater conditions at over 150 sites. He is responsible for all phases of projects, including proposal and work plan development, budget management, field supervision, report preparation, and technical review.

He has performed Project Manager, Onsite Inspector, Site Supervisor, and Field Technician roles on Superfund Projects. These project sites have included former large iron mining sites with numerous different contaminants (coke fines, lead, LNAPL, large dissolved petroleum plumes), a former naval industrial reserve ordnance plant, a former air force station, a former ICBM missile launch facility, and a site with an ongoing arsenic plume in the groundwater.

Mr. Flaada, a certified asbestos inspector in Minnesota and Wisconsin, has prepared and managed hazardous material building surveys which included asbestos, lead paint, PCB, and mercury. Properties include former gas stations, automotive shops, schools, residential houses, bridges, and commercial and public buildings.

PROJECT EXPERIENCE

- **Project Manager, Arsenic Site:** Mr. Flaada managed the ongoing remedial actions associated with a former arsenic plume site in central Minnesota. Activities included managing the semi-annual groundwater sampling, multiphase treatment system operation and maintenance and sampling, and coordination with state regulators for other various site maintenance and remediation tasks as needed. Detailed reports were prepared documenting and evaluating all data generated from the site on an annual basis.
- **Project Manager, Former Retail Gasoline Facility:** Mr. Flaada managed the investigation and remedial actions associated with a former retail gasoline facility in northern Minnesota. Activities included historical document review, soil and groundwater sampling, soil-gas vapor intrusion assessments, and granular activated carbon water treatment system maintenance and sampling. Detailed reports were prepared documenting and evaluating all data generated from the site on an annual basis.
- **Project Manager, Multi-site, Multi-state Groundwater Monitoring Program Project:** Mr. Flaada has managed an annual groundwater monitoring program for a commercial client that includes the groundwater monitoring networks at greater than 10 sites across Minnesota, Wisconsin, and Michigan. Activities include coordinating with the client and subcontractors, setting up budgets, soliciting bids, managing field work (drilling, well installation, vapor port installation, groundwater monitoring, vapor monitoring), report writing, and report review. Detailed reports for each individual site were prepared documenting and evaluating all data generated from the site on an annual basis. Recommendations were made to the client to help ensure the sites groundwater networks were adequate for monitoring for contamination.
- **Site Supervisor/Site Geologist Projects:** Mr. Flaada has been the site supervisor and/or site geologist at multiple federal facilities across the United States. Sites have included monitoring well and hydrofrac well installation in conjunction with a Remedial Action Study designed to determine the feasibility of reducing a TCE plume via injections of various media, monitoring well installation and sampling and soil berm delineation

near a former small arms shooting range to investigate lead contamination, surface soil ISM sampling to delineate lead contamination, and test pit oversight to delineate lead and PAH contamination.

- **Emergency Response Projects:** Mr. Flaada has managed and/or responded to over 100 emergency response sites across Minnesota, Wisconsin, North Dakota, Iowa, and Michigan. Responses have included numerous petroleum releases, methamphetamine labs, mercury releases, hydraulic oil releases both on land and on large vessels on Lake Superior, mineral oil releases both on land and in rivers, crude oil releases both on land and on rivers, unidentified drums and other containers both on land and in water, and the anthrax response after 9/11.

EMPLOYMENT HISTORY

- **2009-present, Bay West, Inc., Project Manager/Hydrogeologist**
- **2004-2009, NTS, Inc., Hydrogeologist:** Responsibilities included assistant project manager, field technician, site supervisor, and report writing roles on several Superfund Sites, brownfield projects, UST removal oversight projects, LUST investigations, VIC investigations, pre-demolition/ hazardous material surveys, and Phase I and Phase II ESAs.
- **2000-2004, DPRA, Inc., Hydrogeologist:** Responsibilities included field technician and report writing roles on several Superfund Sites, brownfield projects, UST removal oversight projects, LUST investigations, VIC investigations, and Phase I and Phase II ESAs in MN and WI.
- **1997-2000, Bergerson-Caswell, Inc., Driller's Helper:** Responsibilities included assisting drillers in all aspects of environmental and residential subsurface drilling including direct push-probe, hollow-stem auger, geotechnical, air rotary, and mud rotary. Also performed numerous environmental monitoring well and domestic well abandonments.



PHASE I ENVIRONMENTAL SITE ASSESSMENT

TZ90169

Eveleth, Minnesota
