WENCK File 0658-0025
January 30, 2019

Phase I Environmental Site Assessment

Grain Elevator
4111 30th Avenue South
Moorhead, Minnesota

Prepared for:

Gray Plant Mooty

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Minneapolis, MN 55402

WENCK
Responsive partner.
Exceptional outcomes.

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1.0 Summary

Wenck Associates, Inc. (Wenck) was authorized by Gray Plant Mooty, representing Pipeline Foods to conduct this Phase I Environmental Site Assessment (ESA) of the property and improvements located at 4111 30th Avenue South, Moorhead, Clay County, Minnesota (the Subject Property). The Subject Property consists of 4.98 acres occupied by one warehouse building/two-story office building, an enclosure for grain distribution, 26 grain storage bins, with a storage silo, a guard shack, paved and gravel parking lot and drive areas, and landscaped areas. Access to the Subject Property is from South 41st Street from the west and South 30th Avenue from the north. The Subject Property location is depicted in Figure 1. A Site Detail Map of the Subject Property is included as Figure 2.

This ESA was conducted in accordance with the American Society for Testing and Materials (ASTM) Phase I Environmental Site Assessment Process, Designation E-1527-13 (ASTM Phase I Standard) and satisfies standards and practices set forth in 40 CFR Part 312 – Standards for Conducting All Appropriate Inquiry (AAI Rule) for the purposes of meeting the all appropriate inquiries provisions necessary to qualify for certain landowner liability protections under the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. § 9601(35)(B).

Wenck understands Pipeline Foods is considering purchasing the Subject Property. The conclusions contained in this report have been made to assist Gray Plant Mooty in evaluating environmental conditions at the present time at the Subject Property.

This ESA has identified no evidence of recognized environmental conditions, controlled recognized environmental conditions or historical recognized environmental conditions in connection with the Subject Property.

However, the following de minimis environmental condition relative to the Subject Property was identified:

1. A 55-gallon used oil drum was identified during the Site reconnaissance outside of the maintenance room to the southwest of the Site building. An oily residue was visible on the snow surrounding the drum. Oil was also visible on the top of the drum. The Site representative, Ms. Brandie Streiff, was not aware of the length of time that the drum was stored on-Site.

2.0 Introduction

2.1 PURPOSE

Wenck was authorized by Gray Plant Mooty, representing Pipeline Foods to conduct this Phase I ESA of the property and improvements located at 4111 30th Avenue South, Moorhead, Clay County, Minnesota; the Subject Property. The Subject Property consists of 4.98 acres occupied by one warehouse building/two-story office building, an enclosure for grain distribution, 26 grain storage bins, with a storage silo, a guard shack, paved and gravel parking lot and drive areas, and landscaped areas. Access to the Subject Property is from South 41st Street from the west and South 30th Avenue from the north. The Subject Property location is depicted in Figure 1. A Site Detail Map of the Subject Property is included as Figure 2.

Wenck understands Pipeline Foods is considering purchasing the Subject Property. The conclusions contained in this report have been made to assist Gray Plant Mooty and Pipeline Foods in evaluating environmental conditions at the present time at the Subject Property. In addition, the report is intended to satisfy the requirements of "all appropriate inquiry… consistent with good commercial or customary practice" referenced in the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. § 9601(35)(B).

2.2 SCOPE

This ESA was prepared in accordance with the ASTM Phase I Standard and AAI Rule to identify, to the extent feasible and in accordance with the processes described herein: recognized environmental conditions, controlled recognized environmental conditions, and historical recognized environmental conditions in connection with the Subject Property.

As defined in ASTM E 1527-13, the term recognized environmental condition (REC) means "the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to a release to the environment; (2) under conditions of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

As defined in ASTM E1527-13, the term controlled recognized environmental condition (CREC) means "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls."

As defined in ASTM E1527-13, the term historical recognized environmental condition (HREC) means "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls."

As defined in ASTM E1527-13, the term business environmental risk means "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice."

A summary of the general scope of work for this project is described in the following tasks:

- Task I. Records Retrieval and Review of Records: Wenck obtained publicly available, practically reviewable and reasonably ascertainable federal, state, county and city information about the Subject Property and other properties within minimum established search distances of the Subject Property. These sources were searched for any information about RECs, CRECs, HRECs or business-related environmental risks relative to the Subject Property. This search included a review of Superfund sites; waste treatment, storage and disposal facilities regulated under RCRA; spills or discharges of hazardous substances, toxic materials or petroleum products; and known or recorded landfills; and/or well databases.

- Task II. Site Reconnaissance: Wenck visually inspected the Subject Property to evaluate the Subject Property for any RECs, CRECs, HRECs and business-related environmental risks. The structures and grounds of the Subject Property were observed for filling, subsidence, unusual land or surface forms, colorations, odors, indications of dumping, and evidence of suspect environmental features on the Subject Property such as tanks, drains, drywells, etc. Observations pertaining to adjacent property use were also recorded where such observations pertained to RECs, CRECs, HRECs or business-related environmental risks relative to the Subject Property.

- Task III. Interviews of People with Knowledge of the Subject Property: Wenck interviewed people with knowledge of the history of the Subject Property and of the surrounding properties. Interviews were completed in order to obtain information pertaining to RECs, CRECs or HRECs relative to the Subject Property. Interviewees included the Subject Property owner(s) and occupant(s), as well as local government officials.

  Data gathered in the course of performing the above three tasks was used in concert to determine if information from one source indicated the need for additional information from another source.

- Task IV. Reporting: Wenck completed this Phase I ESA by combining the information retrieved through data searches with the observations that were made during the Subject Property reconnaissance and interviews. Photographs were taken to document the overall status and current use of the Subject Property and specific areas of concern.

Any deviations from the scope described in the ASTM Phase I Standard are identified in Section 2.3.

2.3 DEVIATIONS

No intentional deviations from the ASTM Phase I Standard were made in preparing this report.

2.4 LIMITATIONS AND EXCEPTIONS

The results of this study, performed by Wenck, are based on the scope of work defined in Section 2.2, subject to any project-specific limitations or project-specific additional non-scope considerations described herein.

Portions of the Subject Property exterior were covered with snow and ice during the site reconnaissance.

As is the case with any investigation of finite scope, this review is intended to reduce, but cannot eliminate, the uncertainty regarding the potential for RECs, CRECs or HRECs in connection with the Subject Property. Therefore, the possibility of the presence of some localized substances that may be classified as hazardous cannot be ruled out completely. However, it is Wenck's opinion that the conditions observed at the Subject Property are representative of existing conditions at the time of the site reconnaissance.

2.5 SIGNIFICANT ASSUMPTIONS

Wenck assumes that the Subject Property Representative and Gray Plant Mooty and Pipeline Foods have provided accurate information that will assist Wenck in determining appropriate inquiry, including but not limited to actual knowledge, previously prepared reports, environmental cleanup liens, and title review information. In addition, Wenck assumes, for the purposes of the site reconnaissance, adequate information has been provided to accurately establish the physical boundaries of the real property being evaluated.

2.6 SPECIAL TERMS AND CONDITIONS

The purpose of this report is to aid in the environmental assessment of the Subject Property and not to evaluate the structural condition of buildings or other features of the Subject Property.

Wenck has performed its work in a manner consistent with the care and skill ordinarily exercised by members of the environmental profession. The conclusions contained in this report represent our professional opinions. These opinions were arrived at in accordance with currently accepted engineering practices at this time and location.

Wenck assumes no responsibility for the accuracy of information that was obtained from other sources, including, without limitation, regulatory and government agencies, persons knowledgeable about the Subject Property, persons knowledgeable about adjacent properties and vendors of public practice.

2.7 USER RELIANCE

This report has been prepared solely for the information and use of Gray Plant Mooty and Pipeline Foods. Others wishing to rely on the findings of this report, not having a contractual relationship with Wenck, do so without permission and at their own risk. Our professional recommendations made to the addressee(s) are exclusive to that party's disclosed intended or proposed consideration with respect to the Subject Property at the present time.

3.0 Site Description

3.1 USE OF SUBJECT PROPERTY

The Subject Property is located in a commercial/industrial and agricultural area in the City of Moorhead, Minnesota.

Site Address/ Location	Address: 4111 30th Avenue South City: Moorhead County: Clay State: Minnesota Township: 139 North Range: 48 West Section: 23
Property Information	Size: 4.98 acres Property Identification Number: 58.417.0100
Improvements	The Subject Property has one warehouse building, one two-story office building, an enclosure for grain distribution, 26 grain storage bins, paved and gravel parking lot and drive areas, and landscaped areas.
Building Information	Size: / Year of Construction: Warehouse – 13,884 sqft – 1985 2-Story Office – 1,849 sqft – 1985 Enclosure – 964 sqft – 1985 8 – 1,800 Bushel Grain Bins – 1985 4 – 4,000 Bushel Grain Bins – 1997 1 – 5,000 Bushel Grain Bin – 1985 5 – 10,000 Bushel Grain Bins – 1985 8 – 30,000 Bushel Grain Bins – 1985 Conveyor and Legs – 1985, 1997 Description: The Subject Property has one building that consists of a slab-on-grade construction with two stories. Areas of the building include: offices, soybean processing plant, elevator, bulk storage silos, warehouse, shipping and receiving docks, railroad spur, and maintenance areas. At the time of the Site reconnaissance, the Site building was vacant.
Use of the Property	Current Use: The Subject Property is an industrial facility that specializes in grain storage distribution. Operations ended in September 2017 and the facility has snice been vacant. Past Use: According to reviewed sources of information, the Subject Property was undeveloped land in agricultural use from at least 1860 until 1985, when the currently existing industrial building was constructed.
Ownership and	Current Ownership & Operation:

Operation of the Property	The Subject Property is owned by Sun Rich Fresh Foods Incorporated and occupied by SunOpta Incorporated.

The Subject Property location is depicted in Figure 1. A Site Detail Map showing the Subject Property is provided in Figure 2.

3.2 CURRENT USE OF ADJOINING PROPERTIES

The following land uses were noted on adjoining properties:

Direction	Description
North	Commercial/industrial sites (beyond 30th Avenue South)
South	Vacant land followed by commercial/industrial sites (beyond railroad tracks)
East	Commercial/industrial sites
West	Commercial/industrial sites (beyond 41st Street South)

3.3 PHYSICAL SETTING

3.3.1 Topography

The Subject Property is generally level and is at an elevation of approximately 915 feet above mean sea level. Site surface drainage is to the northwest towards the municipal stormwater sewer system associated with 30th Avenue South and 41st Street South. Historic development may have included grading or filling of the Subject Property to improve the location for construction and drainage.

3.3.2 Geology

Published references describe the surficial geology at the Subject Property as Wisconsin Episode fine-grained lake sediment, which consists of clay, silty clay and silt; calcareous (University of Minnesota, 2014).

Shallow bedrock in the vicinity of the Subject Property consists of Neoarchean Granite to granodiorite formations (University of Minnesota, 2014).

3.3.3 Hydrogeology

The general direction of regional groundwater flow in the area of the Subject Property is presumed to be to the northwest toward the Red River (University of Minnesota, 2014). Local conditions may vary due to surface water features, perched groundwater conditions or artificially created drainage systems.

4.0 User Provided Information

4.1 TITLE RECORD INFORMATION

Wenck was provided a copy of a title insurance commitment on the Subject Property prepared by the Old Republic National Title Insurance Company, with a Commitment Date of January 10, 2019. The document provided a legal description of the Subject Property and utility easements. The document did not indicate any environmental restrictions against the Subject Property.

4.2 USER QUESTIONNAIRE

User provided information includes a copy of the ASTM User Questionnaire completed by Ms. Erin Heitkamp, Managing Director-Strategy, Sustainability & Assurance of Pipeline Foods. The following sections include the information obtained from the completed User Questionnaire, which is included in Appendix A.

4.2.1 Environmental Liens or Activity and Use Limitations

No independent review of environmental liens was undertaken by Wenck as a part of this scope of work. Pipeline ordered and is reviewing title insurance commitments for the Subject Property.

4.2.2 Specialized Knowledge

Prior assessments regarding the Subject Property were provided by Gray Plant Mooty during preparation of this ESA (See Section 5.4). In addition, see Section 6.0 and Section 7.0 for specialized knowledge regarding the Subject Property.

4.2.3 Commonly Known or Reasonably Ascertainable Information

Commonly known or reasonably ascertainable environmental information was found relevant to this study, which is discussed throughout this ESA.

4.2.4 Valuation Reduction for Environmental Reasons

No valuation reduction for environmental reasons was disclosed at the outset of this study.

4.3 OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

The Subject Property is owned by Sun Rich and occupied by SunOpta. The Subject Property Representative, Ms. Brandie Streiff, Human Resources Manager for SunOpta, provided access and a tour of the Subject Property.

4.4 REASON FOR PERFORMING PHASE I ESA

Wenck understands Pipeline Foods is considering purchasing the Subject Property. This Phase I ESA is being performed as a component of due diligence activities and to determine whether RECs, CRECs or HRECs affect the Subject Property.

5.0 Records Review

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Wenck requested and reviewed a search of files from federal and state databases from GeoSearch for the Subject Property (the GeoSearch Radius Report). Files were searched from Federal and State environmental records databases within minimum search distances as specified in the ASTM Phase I Standard, and the GeoSearch Radius Report included a more extensive database list than those minimally identified as required by the ASTM Phase I Standard. A summary of the sites identified in the GeoSearch Radius Report are discussed below, along with information regarding the significance of the listing for the Subject Property. The GeoSearch Radius Report, which contains more information regarding database descriptions and search distances, is included in Appendix B.

5.1.1 Subject Property

The Subject Property was not identified on reviewed regulatory databases in the GeoSearch Radius Report.

5.1.2 Surrounding Properties

Additional mapped sites of regulatory interest identified within the search radii defined by the ASTM Phase I Standard, as identified in the GeoSearch Radius Report, include the following:

Number of Sites	Regulatory Database	Comments
2	Resource Conservation and Recovery Act - Generator Facilities (RCRAGR05) sites	The nearest RCRAGR05 site, identified as Elliot Transportation Systems, Inc. is located approximately 0.103 miles south of the Subject Property in a side-gradient location with respect to anticipated regional groundwater flow direction. The site is listed as a conditionally exempt small quantity generator. There is one violation/enforcement listed in 2003, which has been resolved and the site is in compliance according to records. The other RCRSGR05 site, identified as MN D4 Moorhead, is located approximately 0.123 east-northeast of the Subject Property in a side-gradient location with respect to anticipated regional groundwater flow direction. These listings are not considered to represent RECs, CRECs or HRECs for the Subject Property based on the type of database, their locations relative to the Subject Property, lack of reported

Number of Sites	Regulatory Database	Comments
		permit violations, and/or regulatory status.
1	Spills Listing (PCASPILLS) site	The PCASPILLS site, identified as Gavilon Fertilizer – Omaha, is located adjacent to the east of the Subject Property. A spill was reported on December 5, 2014. Response action was completed, and the file was granted regulatory closure. Wenck reviewed the MPCA spill file which showed that less than 1 gallon of diesel spilled onto the ground when an engine heater caused the diesel to expand and spill. The impacted snow and soil was removed. No ground or surface water was impacted by the spill. Based on the information provided by the MPCA, this listing is not considered a threat to soil, groundwater and/or soil vapor conditions at the Subject Property, and, therefore, is not considered to represent a REC, CREC or HREC for the Subject Property Based on the information reviewed in the GeoSearch Radius Report, this listing is not considered a threat to soil, groundwater and/or soil vapor conditions at the Subject Property, and, therefore, is not considered to represent a REC, CREC or HREC for the Subject Property.
1	Water Discharge Permit (WDP) sites	The WDP database includes sites that have at least one of the following water permits: Construction Stormwater Permits, Construction Stormwater Site Subdivisions, Industrial Stormwater Permits, MS4 Projects, or Wastewater Dischargers. Being listed in this database is not necessarily indicative of a release of violation of the water permit(s), therefore these listings are not considered to represent RECs, CRECs or HRECs for the Subject Property.
1	Bulk Storage Permits (BULKSTORAGE) sites	The BULKSTORAGE site is identified as Gavilon Fertilizer LLC, located adjacent to the east of the Subject Property. According to the GeoSearch Database report, the site was issued the permit in August 2013 and it is in good standing with no violations or enforcements listed. This listing is not considered to represent a REC, CREC or HREC for the Subject Property based on the type of database, which is not indicative of a release.
2	Registered Storage Tank (UAST) sites	UAST sites are not necessarily indicative of a release or a material threat of release, therefore,

Number of Sites	Regulatory Database	Comments
		these listings are not considered a threat to soil, groundwater and/or soil vapor conditions at the Subject Property, and, therefore, are not considered to represent RECs, CRECs or HRECs for the Subject Property.
22	MPCA What's In My Neighborhood (WIMN)	The WIMN database lists sites that have been enrolled in any of MPCA programs including hazardous waste storage, water discharge permits, air permits, agricultural permits and/or remediation sites. Being listed in this system is not necessarily indicative of a release, therefore these listings are not considered to represent RECs, CRECs or HRECs for the Subject Property.

Two unmapped sites were identified in the GeoSearch Radius Report. Unmapped sites are those where address information is insufficient to allow the sites to be accurately mapped by GeoSearch. Wenck was able to ascertain the approximate locations of each unmapped site and determine they are not directly related to or adjacent to the Subject Property. Based on location and/or database listings, these sites are not considered a threat to soil, groundwater or soil vapor conditions at the Subject Property, and, therefore, are not considered to represent RECs for the Subject Property.

5.2 ADDITIONAL RECORD SOURCES

Additional record sources may be consulted when, in the judgment of the Environmental Professional, such additional records are reasonably ascertainable, sufficiently useful, accurate and complete, and are generally obtained pursuant to good commercial and customary practice. Such records may include local brownfield lists, or other local lists similar to those federal, state and tribal lists. Such sources may include local health or environmental departments, fire departments, planning departments, building permit or inspection departments, and other local pollution, water quality or utility companies.

5.2.1 Clay County Tax Information

Clay County tax information was obtained and reviewed from the Clay County tax assessor's website. Tax records provide publicly available information about the Subject Property. The tax records did not reveal any additional information with respect to the environmental condition of the Subject Property.

The Clay County tax information is included as Appendix C.

5.2.2 Local Building Records Review

Local building records were obtained from City of Moorhead. According to the Clay County property reports, the warehouse and office buildings were constructed in 1985. In 1997, a permit was issued for the construction of four 14'x68' bean storage tanks and associated legs and conveyor. In 2008, a permit was issued for the installation of a wall sign. No

building records were available from the City of Moorhead prior to 1997. Information obtained from the City of Moorhead is included in Appendix C.

5.3 HISTORICAL USE INFORMATION

5.3.1 Aerial Photographs

Aerial photographs were reviewed from 1939, 1948, 1952, 1954, 1962, 1965, 1972, 1976, 1981, 1984, 1991, 1998, 2003, 2008, 2013 and 2015. The aerial photographs are presented in Appendix D.

Year	Description
1940-1954	In the 1939 through 1954 aerial photographs the Subject Property appears to be vacant and/or agricultural cropland. Surrounding, adjacent sites appear to consist of vacant and/or agricultural cropland. Road infrastructure and farmsteads are visible further to the north and road infrastructure and railroad tracks are visible to the southwest of the Subject Property.
1962-1976	In the 1962 through 1976 aerial photographs the Subject Property appears to be similar to previous aerial photographs. Surrounding, adjacent sites appear similar to the previous aerial photographs with the addition of the expansion of the road infrastructure further north of the Subject Property. An additional residential structure is also visible further to the north of the Subject Property.
1981-1984	In the 1981 through 1984 aerial photographs the Subject Property appears to be similar to previous aerial photographs. Surrounding, adjacent sites appear similar to the previous aerial photographs with the construction of the surrounding road infrastructure.
1991	In the 1991 aerial photograph the Subject Property appears to be developed with the present-day warehouse/office structure as well as a number of grain storage bins. Surrounding, adjacent sites appear similar to the previous aerial photographs with the addition of one small industrial structure further to the south of the Subject Property.
1998	In the 1998 aerial photograph the Subject Property appears to be developed with the present-day warehouse/office structure as well as all twenty 26 grain storage bins, paved parking and drive areas, and landscaped areas. Surrounding, adjacent sites appear to have undergone significant development. There is a large commercial/industrial structure adjacent to the north of the Subject Property, as well as numerous others further to the east and south of the Subject Property. Further to the west and southwest, multiple residential neighborhoods are visible.

Year	Description
2003	In the 2003 aerial photograph the Subject Property appears to be similar to previous aerial photographs. Surrounding, adjacent sites appear to have undergone significant development. There is a large commercial/industrial structure adjacent to the east of the Subject Property, as well as numerous others further to the north, west and south of the Subject Property.
2008-2013	In the 2008 through 2013 aerial photographs the Subject Property appears to be occupied by the present-day warehouse building/office building, an enclosure for grain distribution, 26 grain storage bins, paved and gravel parking lot and drive areas, and landscaped areas. Surrounding, adjacent sites appear to consist of commercial/industrial structures to the west, north and east; and vacant land to the south. Overall, the area has undergone significant additional commercial/industrial development.

5.3.2 City Directories

City directories were researched for the Subject Property and surrounding properties. The street researched was 30th Avenue South and directories were available for the years 1996, 2001, 2006, 2009 and 2013. The city directories are included as Appendix E. Listings for the address of the Subject Property (4111 30th Avenue South) consist of the following:

Directory Year	Subject Property Listing
1996	No Listing
2001	Busch Agricultural Resources
2006	Earthwise Processors, LLC
2009	SunOpta
2013	No Listing

Other listings in the vicinity of the Subject Property include: other commercial and residential listings.

5.3.3 Historical Maps

The Fargo, North Dakota USGS 30-minute series topographic maps dated 1895 and 1897; and the Sabin, Minnesota USGS 7.5-minute series topographic maps dated 1964, 1971, 1976, 2013 and 2016 show the area of the Subject Property.

There are no structures or other items shown on the Subject Property on the 1964 through 2016 topographic maps. The present-day surrounding road infrastructure is shown on the

2013 and 2016 topographic maps. The railroad tracks southwest of the Subject Property are shown on each of the maps reviewed.

Additionally, three real estate atlases for the years 1860, 1909 and 1925 were reviewed. The atlases do not show any structures or other items on the Subject Property or surrounding sites, with the exception of the railroad tracks shown southwest of the Subject Property on the 1909 and 1925 atlases.

The historical maps are included as Appendix F.

5.3.4 Fire Insurance Maps

A search was conducted to determine if fire insurance maps were available for the Subject Property. Fire insurance maps were created for insurance underwriters and often contain information regarding the uses of individual structures and the locations of fuel and/or chemical storage tanks that may have been on a particular property.

According to Historical Information Gatherers, Inc. (HIG), fire insurance map coverage is not available in the research materials searched for the Subject Property. HIG fire insurance map research documentation is included as Appendix G.

5.4 PREVIOUS ENVIRONMENTAL REPORTS

Gray Plant Mooty provided Wenck with the following previous environmental report prepared for the Subject Property:

- Prepared by Property Solutions, Inc. *Phase I Environmental Site Assessment of SunOpta – Moorhead, 4111 30th Avenue South, Moorhead, Clay County, Minnesota 56560*, August 13, 2018 (2018 Report).

These previous environmental reports, as provided to Wenck, are included in Appendix H.

5.4.1 2018 Report

The 2018 Report noted that the Subject Property consisted of 4.98 acres occupied with a two-story building, numerous storage silos, truck scale, a trash enclosure, and a railroad spur. According to the 2018 report, the Subject Property was previously agricultural cropland prior to the construction of the present-day facility. The Subject Property was vacant, as SunOpta had suspended soybean processing operations in September 2017.

The 2018 Report noted one de minimis condition at the Subject Property, which was a used oil drum in the exterior storage enclosure on the south side of the building. Since operations at the facility had been suspended at the time, the 2018 Report recommended removal and proper disposal of the drum. No additional UST or ASTs were identified on the Subject Property.

The 2018 Report stated that there were no identified recognized environmental conditions.

6.0 Subject Property

6.1 SUBJECT PROPERTY OBSERVATIONS

Mr. Benjamin Conlon of Wenck conducted a site reconnaissance on January 17, 2019. Mr. Conlon was accompanied during the site reconnaissance by Subject Property Representative, Ms. Brandie Streiff, Human Resources Manager, of SunOpta. Wenck staff visually observed the Subject Property to identify current land use, obtain evidence of past uses, and to identify surface characteristics of the Subject Property for the presence of RECs, CRECs or HRECs. Subject Property photographs are included in Appendix I.

The site reconnaissance consisted of visually observing the interior and exterior portions of the Subject Property. Wenck staff observed (from the Subject Property boundaries) the adjoining properties for evidence of RECs, CRECs or HRECs, and for indications of past and current land use.

As noted in Section 3.1, The Subject Property has one building that consists of a slab-on-grade construction with two stories. Areas of the building include: offices, soybean and corn processing plant, elevator, bulk storage silos, warehouse, shipping and receiving docks, railroad spur, and maintenance areas. At the time of the Site reconnaissance, the building was vacant. The remaining portions of the Subject Property are covered with the associated paved parking areas, lawn areas, and landscaping.

The Subject Property is a commercial/industrial facility that processes soybean and corn products. The Subject Property was purchased by SunOpta in 2006 and was as a food-grade soybean and corn dry-milling processing facility. Operating activities were ended in September 2017 and is currently vacant.

The building is served by utility electric from Moorhead Public Service, natural gas from Xcel Energy, and solid waste removal from Waste Management. Municipal water and sanitary sewer system also serve the facility which is provided by Moorhead Public Service. The building is heated and cooled by natural gas-powered HVAC units.

6.1.1 Materials Management

Wenck noted chemicals at the Subject Property consist of small quantities of cleaning and maintenance chemicals such as lubricants, motor oil, and cleaners. During the Site reconnaissance, these chemicals were not expected to be an environmental concern.

6.1.2 Solid and Hazardous Waste Management

Vendor-maintained dumpsters were noted at the facility to manage solid waste and recyclable waste prior to regular collection. Solid waste and recyclable waste are collected by the Moorhead Public Service and Waste Management, respectively.

No evidence of hazardous waste generation was noted during the site reconnaissance or documented in the GeoSearch Radius Map Report. Ms. Streiff stated that she is not aware of any hazardous waste generated on the Subject Property. However, Wenck observed the storage of a 55-gallon used oil drum (Picture 5) outside of the maintenance room on the southwest exterior of the Site building. An oily residue was visible on the snow surrounding

the drum. Oil was also visible on the top of the drum. Ms. Streiff was not aware of the length of time that the drum was stored in this location.

6.1.3 Aboveground and Underground Storage Tanks (ASTs/USTs)

Wenck observed no evidence of former or existing ASTs/USTs at the Subject Property. No evidence of former or existing ASTs/USTs was documented in the regulatory database review. Ms. Streiff stated that she is not aware of current or former ASTs/USTs.

6.1.4 Interior and Exterior Surface Observations

Wenck observed no evidence of soil subsidence, surface staining, pooled liquids, stressed vegetation, fill soil piles or debris piles on the Subject Property.

6.1.5 Pits, Sumps, Oil-Water Separators and Floor Drains

Wenck noted that there is a floor drain in the Extruder Room, kitchen area, and restrooms. Ms. Streiff stated that the floor drain discharges to the municipal sanitary sewer.

During the Site reconnaissance, floor drains were observed in the bathrooms. Wenck did not observe any chemicals or staining near the drains. No concerns were identified regarding the floor drains located in the Site building.

Wenck observed a pit in the grain elevator. No staining was observed near the pit. The pit consisted of concrete construction and it discharges directly to the municipal sewer. No concerns were identified with regard to the pit located in the Site building.

Wenck observed a sump in the basement. No staining was observed near the sump and it discharges to the municipal sanitary sewerage system. No concerns were identified regarding potential contamination related to the sump within the Site building.

6.1.6 Wastewater and Stormwater Discharge Systems

The Subject Property is served by the municipal sanitary sewer system. Stormwater at the Subject Property discharges to the municipal stormwater sewer system. Surface run-off flows to catch basins along the Subject Property boundaries at 30th Avenue South and 41st Street South. Based on the information gathered on the stormwater sewer system, it is not expected to be an environmental concern.

6.1.7 Wells, Drywells and Lagoons

Wenck did not observe the presence of wells, drywells or lagoons at the time of the site reconnaissance. Ms. Streiff stated that she is not aware of any wells, drywells or lagoons on the Subject Property.

There are no wells listed for the Subject Property on the GeoSearch report.

6.1.8 Polychlorinated Biphenyls (PCBs) and Oil-Containing Equipment

Wenck observed one pad-mounted transformer on the Subject Property at the time of the Site reconnaissance. The transformer is located on the east side of Site Building. There was no indication on the transformer that it may contain PCBs. The pad-mounted transformer

did not show any evidence of leaks or spills at the time of the Site reconnaissance. According to interview information, the transformer is owned by Moorhead Public Service, the local electricity utility company. Based on the age of the construction of the Site building (1986), PCBs are not expected to be present within the transformer.

7.0 Interviews

7.1 INTERVIEW WITH SUBJECT PROPERTY REPRESENTATIVE

Name:	Ms. Brandie Streiff
Affiliation:	SunOpta Human Resources Manager
Years familiar with Subject Property:	Since June 2012
Telephone Number:	701-526-6499

Wenck interviewed Ms. Streiff regarding the Subject Property. Ms. Streiff stated that Sun Rich purchased the Subject Property in 2006 from Anhauser Busch. The Subject Property was operated as a soybean and corn processing facility until September 2017 when it was shut down. Ms. Streiff stated that she is not aware of any chemical spills or releases at the facility.

7.2 INTERVIEW WITH LOCAL GOVERNMENT OFFICIAL

Date of Interview:	January 18, 2019
Name:	Asst. Chief of Protective Services Chad Stangeland
Affiliation:	Moorhead Fire Department
Telephone Number:	218-299-5433

The Subject Property is in the jurisdiction of the Moorhead Fire Department. Wenck contacted Moorhead Assistant Chief of Protective Services regarding the Subject Property. Assistant Chief Stangeland stated that he is not aware of any AST or UST for chemical storage or chemical releases at the Subject Property. He also stated there are no fire records pertaining to any chemical or petroleum releases.

8.0 Evaluation

8.1 DATA GAPS

Historical information was reviewed back to 1860. Data gaps greater than five years exist from prior to 1860, from 1860 to 1895, from 1897 to 1942, from 1954 to 1962, from 1965 to 1971 and from 1984 to 1991.

The interviews, historical maps, city directories, fire insurance maps, aerial photographs, and previous environmental reports provide generally good corroborating information that allows an understanding of historical Subject Property use, therefore the data gaps do not affect our conclusion. A research summary is included as Appendix J.

Wenck considers the evaluation of the presence of RECs, CRECs, and HRECs to be complete, based on the lack of identified changes in land use during the periods affected by any data gaps of more than five years. Therefore, we do not recommend additional investigation relative to the resolution of those data gaps, as we do not believe it would impact our conclusions.

8.2 IDENTIFIED FINDINGS

Wenck was authorized by Gray Plant Mooty to conduct this Phase I ESA of the property and improvements located at 4111 30th Avenue South, Moorhead, Clay County, Minnesota; the Subject Property. The Subject Property consists of 4.98-acres occupied by one warehouse building/two-story office building, an enclosure for grain distribution, 26 grain storage bins, with a storage silo, a guard shack, paved and gravel parking lot and drive areas, and landscaped areas. Access to the Subject Property is from South 41st Street from the west and South 30th Avenue from the north.

According to reviewed sources of information, the Subject Property has been used as a grain elevator since 1985 and was previously used as agricultural land since at least 1939.

Observations at the time of the site reconnaissance did not reveal evidence of a release or a material threat of release of petroleum products or potentially hazardous substances as a result of the current use of the Subject Property.

Mapped sites of regulatory interest revealed within the GeoSearch Radius Report did not reveal evidence of a release or a material threat of release to the Subject Property from adjacent or upgradient properties.

The Subject Property is in a commercial/industrial area of Moorhead.

8.3 OPINIONS

The following opinions are based on the above findings:

- The current use of the Subject Property as a grain elevator from 1985 until the present is not considered to represent a REC, CREC or HREC for the Subject

Property, because there is no indication of a release or a material threat of release of petroleum products or potentially hazardous substances as a result of its use.

- The past use of the Subject Property as agricultural farmland from at least 1939 until 1985 is not considered to represent a REC, CREC or HREC for the Subject Property, because there is no indication of a release or a material threat of release of petroleum products or potentially hazardous substances as a result of its use.
- Industrial and commercial properties are located directly adjacent to the Subject Property. Based on the type of use and information provided in the GeoSearch Radius Report, the adjacent commercial/industrial use is not considered to represent a REC, CREC or HREC for the Subject Property.
- Mapped sites of regulatory interest revealed within the GeoSearch Radius Report are not considered RECs, HRECs, or CRECs. Based on the review of the revealed sites of regulatory interest, including unmapped site listings revealed within search radii, we identified no material threat of release to the Subject Property from adjacent or upgradient properties.

8.4 CONCLUSIONS

Wenck performed a Phase I ESA in conformance with the scope and limitations of the ASTM Phase I Standard and in accordance with the AAI Rule (40 CFR Part 312) of the property and improvements of 4111 30th Avenue South in Moorhead, Clay County, Minnesota. Any exceptions to, or deletions from, the ASTM Phase I Standard are described in Section 2.3 and Section 2.4 of this report.

This ESA has identified no evidence of RECs, CRECs or HRECs in connection with the Subject Property.

However, the following de minimis environmental conditions relative to the Subject Property were identified:

1. A 55-gallon used oil drum was identified during the Site reconnaissance outside of the maintenance room to the southwest of the Site building. An oily residue was visible on the snow surrounding the drum. Oil was also visible on the top of the drum. Ms. Streiff was not aware of the length of time that the drum was stored on-Site.

9.0 Non-Scope Considerations

Assessments of potential environmental issues or conditions at the Subject Property that may relate to commercial real estate activities, but were not part of this scope of work include the following:

- Asbestos Survey
- Radon Gas Survey
- Lead-Based Paint Assessment
- Lead in Drinking Water Evaluation
- Wetland Delineation
- Regulatory Compliance Audit
- Cultural and Historic Resources Review
- Industrial Hygiene Review
- Health and Safety Assessment
- Ecological Resources Evaluation
- Endangered Species Survey
- Indoor Air Quality Evaluation
- Mold Investigation
- High Voltage Power Lines Assessment

This list is not intended to be all-inclusive and is not intended to imply significance of further investigation into these non-scope items.

10.0 References

American Society for Testing and Materials, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-13,* West Conshohocken, PA, 2013.

Prepared by Property Solutions, Inc. *Phase I Environmental Site Assessment of SunOpta – Moorhead, 4111 30th Avenue South, Moorhead, Clay County, Minnesota 56560*, August 13, 2018 (2018 Report).

Minnesota Department of Natural Resources.; *Geological Atlas of Clay County, Minnesota, Park B Hydrogeology*; 2018.

University of Minnesota (V.W. Chandler, Mark A. Jirsa, Dale R. Setterholm); Clay County Bedrock Geology, 2014.

University of Minnesota (Howard C. Hobbs and Angela S. Gowan); Clay County Surficial Geology, 2014.

Other materials referenced in this report are included in the Appendices.

11.0 Signature Page

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in 312.10 of 40 CFR Part 312, and we 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by:

Chantell Bazewicz
Environmental Scientist

Prepared by:

Ben Conlon
Environmental Scientist

Reviewed by:

Aaron Benker
Resource Manager

12.0 Qualifications

Company Experience

WENCK ASSOCIATES, INC. is a full-service environmental consulting firm that specializes in providing comprehensive environmental, regulatory, and safety guidance for our client's real estate asset protection, redevelopment and development needs. Collectively, Wenck offers our clients over 25 years of experience, depth of technical and regulatory knowledge and expertise in the following service areas:

- Environmental Assessment Services (Phase I and II)
- Site Preparation/Planning Services
- Integrated Site Remediation and Risk-based Response Actions
- Storage Tank Removal, Replacement and Compliance
- Stormwater Management Plans and Permitting (NPDES requirements, etc.)
- Wetlands Delineation and Mitigation
- Environmental Permitting and Compliance
- Asbestos and Lead Identification and Abatement
- Voluntary Cleanup Programs and Guidance on Public Funding Mechanisms for Brownfield Redevelopment
- Indoor Air Quality Assessment
- Facility Layout Review for Environmental and Safety Efficiency
- Environmental Impact Assessments (EIA) and Statements (EIS), Environmental Assessment Worksheets (EAW), Alternative Urban Areawide Review (AUAR)
- Traffic Engineering
- Pollution Prevention Plans
- Greenhouse Gas Services

Wenck strives to provide our clients with strategic, high quality and cost-effective services that are customized to their specific needs. For more extensive information on the services we provide please refer to www.wenck.com.

Individual Bios

Chantell Bazewicz

Ms. Bazewicz has over 14 years of experience as an Environmental Scientist on diverse projects including building surveys, abatement oversight for renovation and demolition projects, soil remediation, groundwater investigation, Phase I and Phase II Environmental Site Assessments. She has worked with both public and private industry in Minnesota, Wisconsin, Iowa, Arizona, North Dakota and South Dakota. Specialties include asbestos, lead-based paint, regulated/hazardous materials surveys, abatement oversight, air monitoring and sample analysis, indoor air quality assessments, employee exposure monitoring, soil and ground water investigations/ remediation, project design and contract preparation.

Ben Conlon

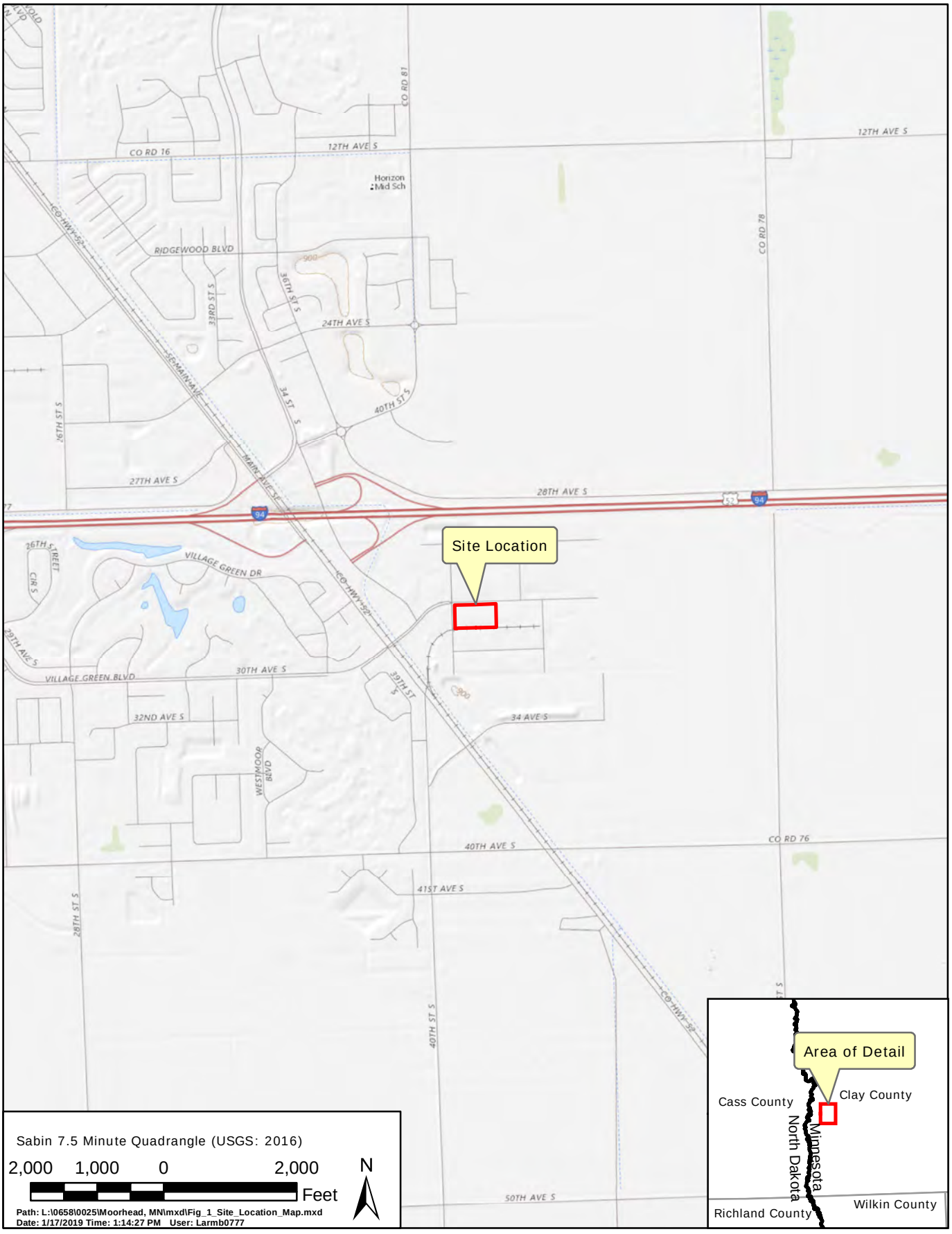
Mr. Conlon has 4 years of experience in environmental, health and safety (EHS) consulting for manufacturing, technology, service and industrial clients. His areas of expertise include the planning, implementation and management of EHS regulatory compliance assurance, EHS management system implementation at both facility and corporate levels, and mergers and acquisitions advisory services. Mr. Conlon is experienced in conducting both small and large multi-site, national projects to a wide variety of corporate, legal, facility and financial institutions.

Aaron Benker

Mr. Benker joined Wenck Associates, Inc. in 2013 and manages the real estate and remediation group. Mr. Benker's experience in environmental consulting provides leadership in the real estate sector with emphasis on development, transactional and remedial projects. Mr. Benker has significant experience assisting a wide variety of clients navigating environmental programs and achieving regulatory compliance. Mr. Benker has managed and worked on projects in several states in the United States and also Canada. Mr. Benker holds a Bachelors of Art in Biology and Environmental Studies from Concordia College in Moorhead, Minnesota.

Figures

1. Figure 1: Site Location Map
2. Figure 2: Site Detail Map



GRAY PLANT MOOTY

Site Location Map

WENCK

Responsive partner. Exceptional outcomes.

JAN 2019

Figure 1

GRAY PLANT MOOTY

Site Detail Map

WENCK

Responsive partner. Exceptional outcomes.

JAN 2019

Figure 2

Appendix A

User Questionnaire

ATSM E 1527-13 USER QUESTIONNAIRE FOR PROSPECTIVE PURCHASER/LESSEE

Property Address: **4111 30th Avenue South,**
Moorhead, MN 56560

To meet the all-appropriate inquiry (AAI) standard, the User (people or entities relying on the Phase I) must provide the following information, if they are aware of it. Your response should represent the current collective knowledge of the User (e.g., officers, directors, employees, partners).

- *Environmental cleanup liens (40 CFR 312.25)*

1.	Did a search of recorded land title documents identify any environmental liens recorded against the Property?	***A title insurance commitment is on order and will be reviewed.***

- *Activity and land use limitations (AULs) (40 CFR 312.26)*

2.	Did a search of recorded land title documents identify any activity or use limitations relating to environmental contamination, such as land use restrictions, or engineering or institutional controls on or of record on the Property?	***See above.***

- *Specialized knowledge or experience (40 CFR 312.28)*

3.	Do you have any special knowledge or experience related to the Property or nearby properties? (For example, are you involved in the same line of business as is conducted on the Property?) If so, please describe.	***No.***

- *Relationship of the purchase price to the fair market value of the Property (40 CFR 312.29)*

4.	Does the purchase price for the Property reasonably reflect its fair market value?	***Yes.***
5.	If not, is there a lower purchase price because the Property is or may be contaminated?	***N/A.***

- *Commonly known information about the Property (40 CFR 312.30)*

Are you aware of information about the Property that would help identify releases or threatened releases - -		
6.	Do you know the past uses of the Property? (If so, please describe)	***No, except for information contained in the Phose I Environmental Site Assessment Report by Property Solutions Inc. (August 13, 2018) that we have provided to Wenck Associates, Inc.***
7.	Do you know specific chemicals that are or were present at the Property? (If so, please describe)	***See above.***
8.	Do you know of any spills occurring at the Property? (If so, please describe)	***See above.***
9.	Do you know of any environmental cleanups occurring at the Property? (If so, please describe)	***See above.***

- *Obvious or likely contamination at the Property (40 CFR 312.31)*

10.	Based on your knowledge and experience, are there any signs of contamination at the Property?	***Not that I am aware of.***

Pipeline Foods ~~LLC~~ January 10, 2019

By: Erin Heitkamp
Managing Director-Strategy, Sustainability & Assurance

Appendix B

GeoSearch Radius Report

GeoSearch
On time. On target. In touch.™

Radius Report

Satellite view

Target Property:

Subject Property
4111 30th Avenue South
Moorhead, Clay County, Minnesota 56560

Prepared For:

Historical Information Gatherers

Order #: 120199
Job #: 273846
Project #: 2023395
Date: 01/14/2019

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Unlocatable Report . . . . . See Attachment

Zip Report . . . . . See Attachment

Disclaimer

This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR ï¿½312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal,state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR ï¿½312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.

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Target Property Summary

Target Property Information

Subject Property
4111 30th Avenue South
Moorhead, Minnesota 56560

Coordinates
Area centroid (-96.711985, 46.8429279)
912 feet above sea level

USGS Quadrangle
Sabin, MN

Geographic Coverage Information

County/Parish: Clay (MN)
ZipCode(s):
Moorhead MN: 56560

Database Summary

FEDERAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSMN	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	TP/AP
RCRA SITES WITH CONTROLS	RCRASC	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	RCRAGR05	2	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	RCRANGR05	0	0	0.1250
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	SEMS	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	SEMSARCH	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	1.0000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	RCRASUBC	0	0	1.0000

SUB-TOTAL		2	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	BRS	0	0	TP/AP
CERCLIS LIENS	SFLIENS	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
EPA DOCKET DATA	DOCKETS	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	ECHOR05	0	0	TP/AP
FACILITY REGISTRY SYSTEM	FRSMN	0	0	TP/AP

Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR05	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDESR05	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	PCSR05	0	0	TP/AP
SEMS LIEN ON PROPERTY	SEMSLIENS	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	TP/AP
TOXICS RELEASE INVENTORY	TRI	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	ALTFUELS	0	0	0.2500
FEMA OWNED STORAGE TANKS	FEMAUST	0	0	0.2500
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
INTEGRATED COMPLIANCE INFORMATION SYSTEM DRYCLEANERS	ICISCLEANERS	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	MSHA	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	MRDS	0	0	0.2500
OPEN DUMP INVENTORY	ODI	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	SMCRA	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	USUMTRCA	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	NMS	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	FUSRAP	0	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000

SUB-TOTAL		0	0	

Database Summary

STATE (MN) LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
WATER DISCHARGE PERMITS	WDP	1	0	TP/AP
PERMITTED BY RULE LANDFILLS	PBRLF	0	0	0.2500
REGISTERED STORAGE TANKS	UAST	2	0	0.2500
SITES WITH INSTITUTIONAL CONTROLS	IC	0	0	0.2500
CLOSED LANDFILLS	CLF	0	0	0.5000
PETROLEUM BROWNFIELDS PROGRAM SITES	PBF	0	0	0.5000
POTENTIAL VOLUNTARY INVESTIGATION AND CLEANUP PROGRAM SITES	PVICP	0	0	0.5000
REGISTERED LEAKING STORAGE TANKS	LUAST	0	0	0.5000
REGISTERED LEAKING STORAGE TANKS PRIOR TO APRIL 2016	LUAST2016	0	0	0.5000
SITE RESPONSE SECTION DATABASE	SRS	0	0	0.5000
SOLID WASTE FACILITIES	SWF	0	0	0.5000
STATE ASSESSMENT SITES	SAS	0	0	0.5000
UNPERMITTED DUMP SITES	UNPERMDUMPS	0	0	0.5000
VOLUNTARY INVESTIGATION AND CLEANUP PROGRAM SITES	VICP	0	0	0.5000
MPCA REMEDIATION SITES	REMSITES	0	0	1.0000
SUPERFUND SITE INFORMATION LISTING	SF	0	0	1.0000

SUB-TOTAL		3	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	TP/AP
FEEDLOTS	FEEDLOT	0	0	TP/AP
PERMITTED AIR FACILITIES	AIRS	0	0	TP/AP
SOLID WASTE UTILIZATION PROJECTS	SWUP	0	0	TP/AP
SPILLS LISTING	PCASPILLS	1	0	TP/AP
TIER TWO FACILITY LISTING	TIERII	0	0	TP/AP
BULK STORAGE PERMITS	BULKSTORAGE	1	0	0.2500
REGISTERED DRYCLEANING FACILITIES	CLEANERS	0	0	0.2500
AGRICULTURAL CONTINGENCY SITES	CONTINGENCIES	0	0	0.5000
AGRICULTURAL SPILLS LISTING	AGSPILLS	0	0	0.5000
CONCENTRATED ANIMAL FEEDING OPERATIONS	CAFO	0	0	0.5000
WHAT'S IN MY NEIGHBORHOOD DATABASE	WIMN	22	2	0.5000

SUB-TOTAL		24	2	

TRIBAL LISTING

Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR05	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR05	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000
SUB-TOTAL		0	0	

Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000
SUB-TOTAL		0	0	

TOTAL		29	2	

Database Radius Summary

FEDERAL LISTING

*Standard environmental records are displayed in **bold**.*

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
EC	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
ECHOR05	0.0200	0	NS	NS	NS	NS	NS	0
ERNSMN	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
FRSMN	0.0200	0	NS	NS	NS	NS	NS	0
HMIRSR05	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
LUCIS	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDESR05	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR05	0.0200	0	NS	NS	NS	NS	NS	0
RCRASC	**0.0200**	**0**	**NS**	**NS**	**NS**	**NS**	**NS**	**0**
SEMSLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
RCRAGR05	**0.1250**	**0**	**2**	**NS**	**NS**	**NS**	**NS**	**2**
RCRANGR05	**0.1250**	**0**	**0**	**NS**	**NS**	**NS**	**NS**	**0**
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
FEMAUST	0.2500	0	0	0	NS	NS	NS	0
HISTPST	0.2500	0	0	0	NS	NS	NS	0
ICISCLEANERS	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
BF	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
NLRRCRAT	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
ODI	0.5000	0	0	0	0	NS	NS	0
RCRAT	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SEMS	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**

Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SEMSARCH	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DNPL	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
NMS	1.0000	0	0	0	0	0	NS	0
NPL	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
PNPL	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
RCRAC	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
RCRASUBC	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	2	0	0	0	0	2

Database Radius Summary

STATE (MN) LISTING

*Standard environmental records are displayed in **bold**.*

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
FEEDLOT	0.0200	0	NS	NS	NS	NS	NS	0
PCASPILLS	0.0200	1	NS	NS	NS	NS	NS	1
SWUP	0.0200	0	NS	NS	NS	NS	NS	0
TIERII	0.0200	0	NS	NS	NS	NS	NS	0
WDP	**0.0200**	**1**	**NS**	**NS**	**NS**	**NS**	**NS**	**1**
BULKSTORAGE	0.2500	1	0	0	NS	NS	NS	1
CLEANERS	0.2500	0	0	0	NS	NS	NS	0
IC	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
PBRLF	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
UAST	**0.2500**	**0**	**0**	**2**	**NS**	**NS**	**NS**	**2**
AGSPILLS	0.5000	0	0	0	0	NS	NS	0
CAFO	0.5000	0	0	0	0	NS	NS	0
CLF	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
CONTINGENCIES	0.5000	0	0	0	0	NS	NS	0
LUAST	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
LUAST2016	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
PBF	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
PVICP	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SAS	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SRS	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
SWF	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
UNPERMDUMPS	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
VICP	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
WIMN	0.5000	1	8	7	6	NS	NS	22
REMSITES	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**
SF	**1.0000**	**0**	**0**	**0**	**0**	**0**	**NS**	**0**

SUB-TOTAL		4	8	9	6	0	0	27

Database Radius Summary

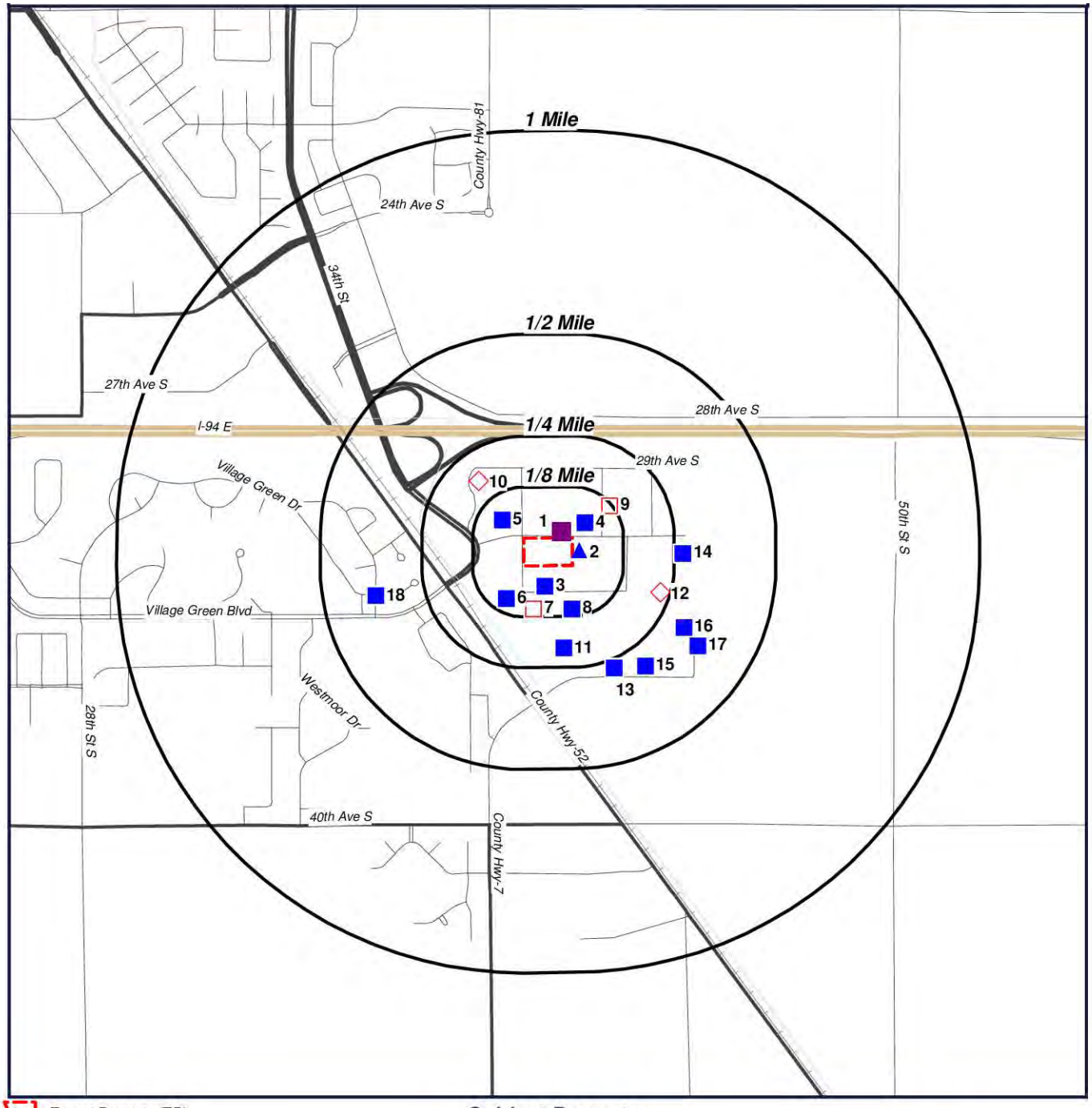
TRIBAL LISTING

*Standard environmental records are displayed in **bold**.*

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
USTR05	**0.2500**	**0**	**0**	**0**	**NS**	**NS**	**NS**	**0**
LUSTR05	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
ODINDIAN	**0.5000**	**0**	**0**	**0**	**0**	**NS**	**NS**	**0**
INDIANRES	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	0	0	0	0	0	0
TOTAL		4	10	9	6	0	0	29

NOTES:
NS = NOT SEARCHED
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Radius Map 1



Target Property (TP)
WDP
PCASPILLS
WIMN
RCRAGR05
UAST

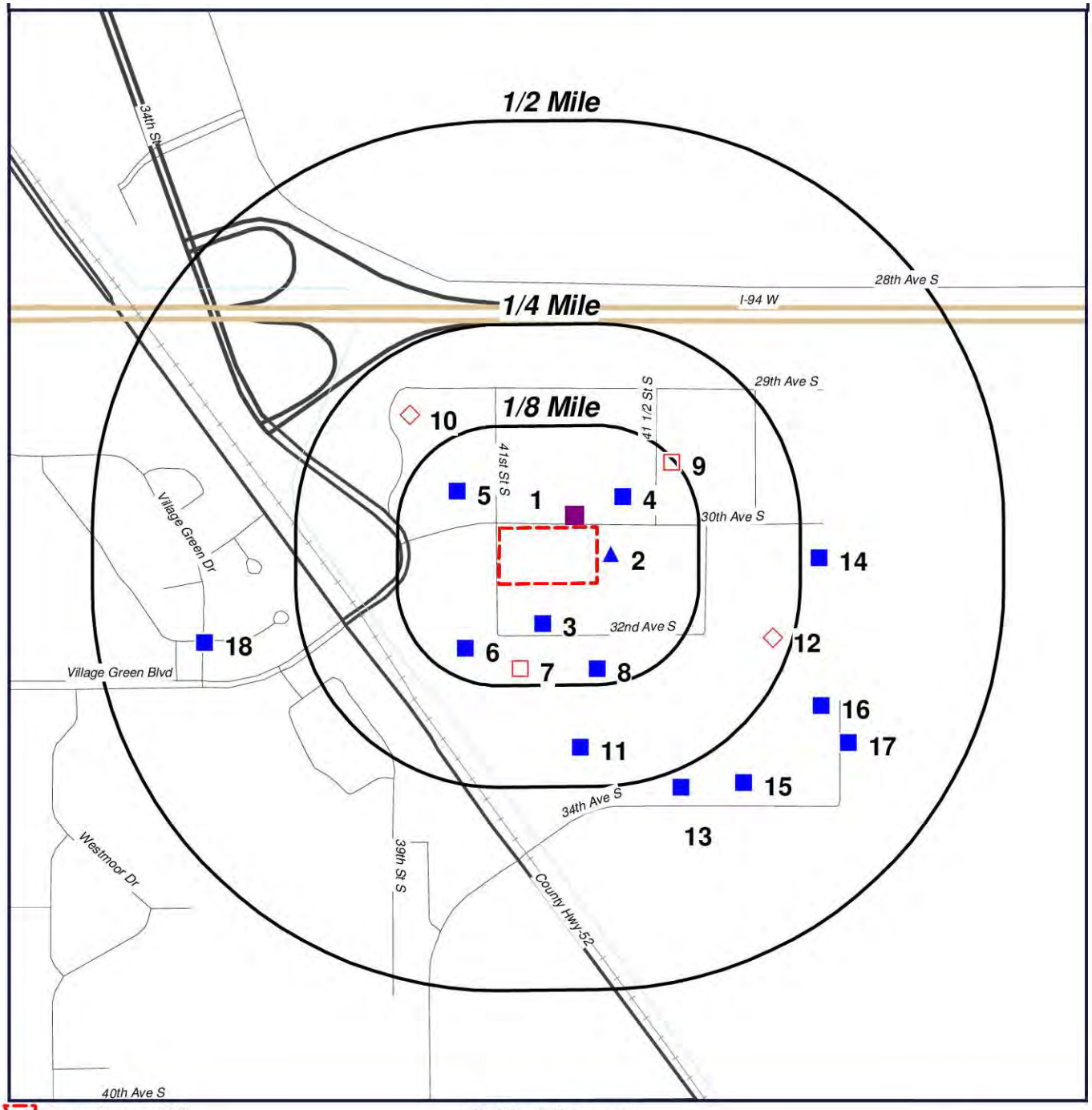
Subject Property
4111 30th Avenue South
Moorhead, Minnesota
56560

N
W E
S

0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view]

Radius Map 2



Target Property (TP)
WDP
PCASPILLS
WIMN
RCRAGR05
UAST

Subject Property
4111 30th Avenue South
Moorhead, Minnesota
56560

N
W E
S

0' 500' 1000' 1500'
SCALE: 1" = 1000'

[Click here to access Satellite view]

Ortho Map

Target Property (TP)
WDP
PCASPILLS
WIMN
RCRAGR05
UAST

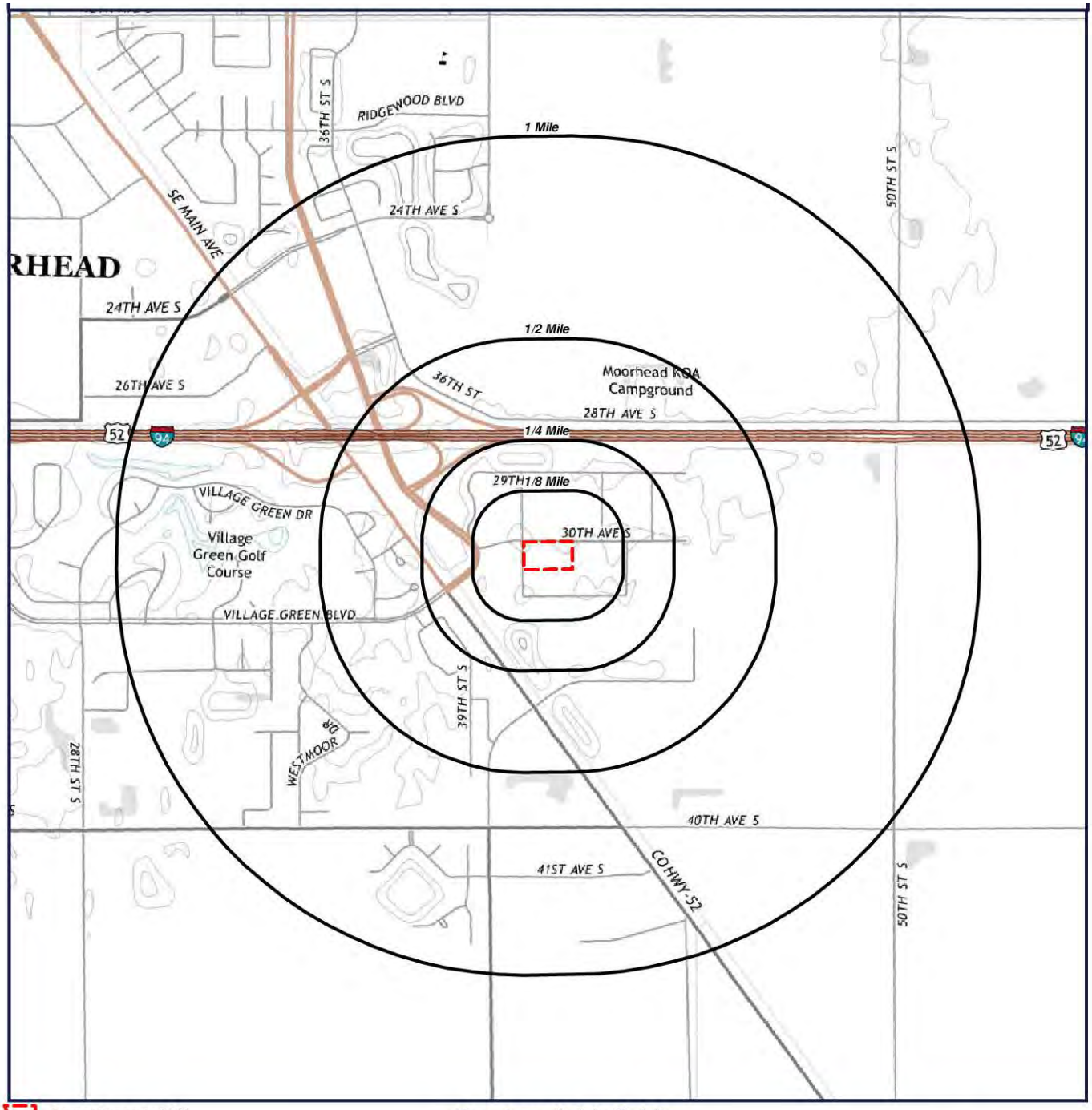
Quadrangle(s): Sabin
Subject Property
4111 30th Avenue South
Moorhead, Minnesota
56560

N
W E
S

0' 500' 1000' 1500'
SCALE: 1" = 1000'

[Click here to access Satellite view]

Topographic Map



Target Property (TP)

Quadrangle(s): Sabin
Source: USGS, 08/05/2013
Subject Property
4111 30th Avenue South
Moorhead, Minnesota
56560

N
W E
S

0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view]

Located Sites Summary

*NOTE: Standard environmental records are displayed in **bold**.*

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
1	***WDP***	***214396WDP***	***Equal (912 ft.)***	***0.014 mi. N (74 ft.)***	***NEW PARKING LOT***	***4108 30TH AVE S, MOORHEAD, MN 56560***	***19***
1	WIMN	214396	Equal (912 ft.)	0.014 mi. N (74 ft.)	NEW PARKING LOT	4108 30TH AVE S, MOORHEAD, MN 56560	20
2	BULKSTORAGE	20148688	Equal (912 ft.)	0.018 mi. E (95 ft.)	GAVILON FERTILIZER LLC	4141 30TH AVE S, MOORHEAD, MN 56560	21
2	PCASPILLS	91875_146732	Equal (912 ft.)	0.018 mi. E (95 ft.)	GAVILON FERTILIZER - OMAHA	4141 30TH AVENUE MN 56560, MOORHEAD, MN	22
3	WIMN	121558	Lower (910 ft.)	0.048 mi. S (253 ft.)	ELLIOTT TRANSPORT SYSTEMS	4104 32ND AVE S, MOORHEAD, MN 56561	23
4	WIMN	102646	Lower (911 ft.)	0.051 mi. NE (269 ft.)	CLAY COUNTY HIGHWAY DEPT - SW	4150 30TH AVE S, MOORHEAD, MN 56560	24
5	WIMN	121395	Equal (912 ft.)	0.069 mi. WNW (364 ft.)	PIONEER HI-BRED INTERNATIONAL INC	4050 30TH AVE S, MOORHEAD, MN 56560	25
6	WIMN	125505	Equal (912 ft.)	0.088 mi. SW (465 ft.)	PACTIV	3201 41ST ST S, MOORHEAD, MN 56560	26
7	***RCRAGR05***	***MNR000117275***	***Lower (910 ft.)***	***0.103 mi. S (544 ft.)***	***ELLIOTT TRANSPORT SYSTEMS INC***	***4101 32ND AVE S, MOORHEAD, MN 56560***	***27***
7	WIMN	92154	Lower (910 ft.)	0.103 mi. S (544 ft.)	ELLIOTT TRANSPORT SYSTEMS INC	4101 32ND AVE S, MOORHEAD, MN 56560	29
8	WIMN	94000	Higher (913 ft.)	0.104 mi. S (549 ft.)	MIDWEST CONCRETE PUMPING	4117 32ND AVE S, MOORHEAD, MN 56560	30
9	***RCRAGR05***	***MNS000151522***	***Lower (911 ft.)***	***0.123 mi. ENE (649 ft.)***	***MNDOT D4 MOORHEAD***	***2951 41 1/2 ST S, MOORHEAD, MN 56560***	***31***
9	WIMN	102924	Lower (911 ft.)	0.123 mi. ENE (649 ft.)	CLAY COUNTY	2951 41 1/2 ST S, MOORHEAD, MN 56560	33
9	WIMN	65427	Lower (911 ft.)	0.123 mi. ENE (649 ft.)	MNDOT D4 MOORHEAD	2951 41 1/2 ST S, MOORHEAD, MN 56560	34
10	***UAST***	***146797UAST***	***Equal (912 ft.)***	***0.176 mi. NW (929 ft.)***	***RDO EQUIPMENT CO***	***2900 MAIN AVE E, MOORHEAD, MN 56560***	***35***
10	WIMN	135638	Equal (912 ft.)	0.176 mi. NW (929 ft.)	RDO EQUIPMENT PARKING LOT IMPROVEMENTS	2900 MAIN AVE. SE, MOORHEAD, MN 56560	37
10	WIMN	146797	Equal (912 ft.)	0.176 mi. NW (929 ft.)	RDO EQUIPMENT CO	2900 MAIN AVE E, MOORHEAD, MN 56560	38
10	WIMN	95509	Equal (912 ft.)	0.176 mi. NW (929 ft.)	RDO EQUIPMENT CO - MOORHEAD	2900 MAIN AVE, MOORHEAD, MN 56560	39
11	WIMN	213669	Higher (913 ft.)	0.201 mi. S (1061 ft.)	H&S CONTRACTING	4110 34TH AVE SOUTH, MOORHEAD, MN 56560	40
12	***UAST***	***98285UAST***	***Equal (912 ft.)***	***0.227 mi. ESE (1199 ft.)***	***PACTIV CORP - SW***	***3010 42ND ST S, MOORHEAD, MN 56560***	***41***
12	WIMN	138873	Equal (912 ft.)	0.227 mi. ESE (1199 ft.)	BUILDING EXPANSION AND PARKING LOT	3010 42ND STREET SOUTH, MOORHEAD, MN 56560	42

Located Sites Summary

*NOTE: Standard environmental records are displayed in **bold**.*

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
12	WIMN	4561	Equal (912 ft.)	0.227 mi. ESE (1199 ft.)	PACTIV LLC	3010 42ND ST S, MOORHEAD, MN 56560	43
12	WIMN	98285	Equal (912 ft.)	0.227 mi. ESE (1199 ft.)	PACTIV CORP - SW	3010 42ND ST S, MOORHEAD, MN 56560	44
13	WIMN	145953	Higher (927 ft.)	0.271 mi. SSE (1431 ft.)	D & M WAREHOUSE	ADDRESS UNKNOWN, MOORHEAD, MN 56560	45
14	WIMN	143011	Equal (912 ft.)	0.274 mi. E (1447 ft.)	UNISHIPPERS ADDITION	4225 30TH AVENUE SOUTH, MOORHEAD, MN 56560	46
15	WIMN	217123	Higher (915 ft.)	0.305 mi. SE (1610 ft.)	RIGELS WAREHOUSE	3340 42 STREET SOUTH, MOORHEAD, MN 56560	47
16	WIMN	216536	Lower (911 ft.)	0.315 mi. ESE (1663 ft.)	MJOLSNESS PROPERTIES	3305 SOUTH 43RD STREET, MOORHEAD, MN 56560	48
17	WIMN	140782	Lower (911 ft.)	0.366 mi. ESE (1932 ft.)	OPPORTUNITY SUBSTATION	ADDRESS UNKNOWN, MOORHEAD, MN 56560	49
18	WIMN	130980	Lower (909 ft.)	0.368 mi. W (1943 ft.)	11-A2-2 VILLAGE GREEN AREA PHASE 2	ADDRESS UNKNOWN, MOORHEAD, MN 56560	50

Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC. .

Target Property Elevation: 912 ft.

*NOTE: Standard environmental records are displayed in **bold**.*

EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
1	***WDP***	***912 ft.***	***NEW PARKING LOT***	***4108 30TH AVE S, MOORHEAD, MN 56560***	***19***
1	WIMN	912 ft.	NEW PARKING LOT	4108 30TH AVE S, MOORHEAD, MN 56560	20
2	BULKSTORAGE	912 ft.	GAVILON FERTILIZER LLC	4141 30TH AVE S, MOORHEAD, MN 56560	21
2	PCASPILLS	912 ft.	GAVILON FERTILIZER - OMAHA	4141 30TH AVENUE MN 56560, MOORHEAD, MN	22
5	WIMN	912 ft.	PIONEER HI-BRED INTERNATIONAL INC	4050 30TH AVE S, MOORHEAD, MN 56560	25
6	WIMN	912 ft.	PACTIV	3201 41ST ST S, MOORHEAD, MN 56560	26
8	WIMN	913 ft.	MIDWEST CONCRETE PUMPING	4117 32ND AVE S, MOORHEAD, MN 56560	30
10	***UAST***	***912 ft.***	***RDO EQUIPMENT CO***	***2900 MAIN AVE E, MOORHEAD, MN 56560***	***35***
10	WIMN	912 ft.	RDO EQUIPMENT PARKING LOT IMPROVEMENTS	2900 MAIN AVE. SE, MOORHEAD, MN 56560	37
10	WIMN	912 ft.	RDO EQUIPMENT CO	2900 MAIN AVE E, MOORHEAD, MN 56560	38
10	WIMN	912 ft.	RDO EQUIPMENT CO - MOORHEAD	2900 MAIN AVE, MOORHEAD, MN 56560	39
11	WIMN	913 ft.	H&S CONTRACTING	4110 34TH AVE SOUTH, MOORHEAD, MN 56560	40
12	***UAST***	***912 ft.***	***PACTIV CORP - SW***	***3010 42ND ST S, MOORHEAD, MN 56560***	***41***
12	WIMN	912 ft.	BUILDING EXPANSION AND PARKING LOT	3010 42ND STREET SOUTH, MOORHEAD, MN 56560	42
12	WIMN	912 ft.	PACTIV LLC	3010 42ND ST S, MOORHEAD, MN 56560	43
12	WIMN	912 ft.	PACTIV CORP - SW	3010 42ND ST S, MOORHEAD, MN 56560	44
13	WIMN	927 ft.	D & M WAREHOUSE	ADDRESS UNKNOWN, MOORHEAD, MN 56560	45
14	WIMN	912 ft.	UNISHIPPERS ADDITION	4225 30TH AVENUE SOUTH, MOORHEAD, MN 56560	46
15	WIMN	915 ft.	RIGELS WAREHOUSE	3340 42 STREET SOUTH, MOORHEAD, MN 56560	47

LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
3	WIMN	910 ft.	ELLIOTT TRANSPORT SYSTEMS	4104 32ND AVE S, MOORHEAD, MN 56561	23
4	WIMN	911 ft.	CLAY COUNTY HIGHWAY DEPT - SW	4150 30TH AVE S, MOORHEAD, MN 56560	24
7	***RCRAGR05***	***910 ft.***	***ELLIOTT TRANSPORT SYSTEMS INC***	***4101 32ND AVE S, MOORHEAD, MN 56560***	***27***

Elevation Summary

Map ID#	Database Name	Elevation	Site Name	Address	Page #
7	WIMN	910 ft.	ELLIOTT TRANSPORT SYSTEMS INC	4101 32ND AVE S, MOORHEAD, MN 56560	29
9	***RCRAGR05***	***911 ft.***	***MNDOT D4 MOORHEAD***	***2951 41 1/2 ST S, MOORHEAD, MN 56560***	***31***
9	WIMN	911 ft.	CLAY COUNTY	2951 41 1/2 ST S, MOORHEAD, MN 56560	33
9	WIMN	911 ft.	MNDOT D4 MOORHEAD	2951 41 1/2 ST S, MOORHEAD, MN 56560	34
16	WIMN	911 ft.	MJOLSNESS PROPERTIES	3305 SOUTH 43RD STREET, MOORHEAD, MN 56560	48
17	WIMN	911 ft.	OPPORTUNITY SUBSTATION	ADDRESS UNKNOWN, MOORHEAD, MN 56560	49
18	WIMN	909 ft.	11-A2-2 VILLAGE GREEN AREA PHASE 2	ADDRESS UNKNOWN, MOORHEAD, MN 56560	50

Water Discharge Permits (WDP)

MAP ID# 1

Distance from Property: 0.014 mi. (74 ft.) N
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **214396WDP**
SITE ID: **214396**
SITE NAME: **NEW PARKING LOT**
ADDRESS: **4108 30TH AVE S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=214396**

FACILITY DETAILS

ID: **C00044634**
TYPE: **CONSTRUCTION STORMWATER**
WATERSHED: **UPPER RED RIVER OF THE NORTH**
ACTIVE?: **NO**
INDUSTRY CLASSIFICATION: **NOT REPORTED**
INSTITUTIONAL CONTROLS: **NO**

Back to Report Summary

MAP ID# 1

Distance from Property: 0.014 mi. (74 ft.) N
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **214396**
SITE ID: **214396**
SITE NAME: **NEW PARKING LOT**
ADDRESS: **4108 30TH AVE S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=214396**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **C00044634**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00044634**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

Back to Report Summary

Bulk Storage Permits (BULKSTORAGE)

MAP ID# 2

Distance from Property: 0.018 mi. (95 ft.) E
Elevation: 912 ft. (Equal to TP)

PERMIT INFORMATION

PERMIT #: **20148688**
NAME: **GAVILON FERTILIZER LLC**
ADDRESS: **4141 30TH AVE S**
MOORHEAD, MN 56560
PHONE: **NOT REPORTED**
START DATE: **8/7/2013**
END DATE: **NOT REPORTED**
PERMIT TYPE: **BULK PESTICIDE/FERTILIZER STORAGE PERMIT**
PERMIT STATUS: **IN GOOD STANDING**
CONTACT: **NOT REPORTED**
FERTILIZER?: **NO**
PESTICIDE?: **NO**

Back to Report Summary

Spills Listing (PCASPILLS)

MAP ID# 2

Distance from Property: 0.018 mi. (95 ft.) E
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **91875_146732**
INCIDENT ID: **91875**
SOURCE NAME: **GAVILON FERTILIZER - OMAHA**
ADDRESS: **4141 30TH AVENUE MN 56560**
MOORHEAD, MN
COUNTY: **CLAY**

FACILITY DETAIL(S)

MPCA PROGRAM INVOLVED WITH THIS INCIDENT: **EMERGENCY MANAGEMENT**
INCIDENT TYPE(S): **SPILL OR RELEASE**
INCIDENT DATE: **12/5/2014**
INCIDENT STATUS: **CLOSED OR COMPLETED**
CLOSURE TYPE: **RESPONSE/ACTION COMPLETED**
DUTY OFFICER NUMBER: **146732**
LEAD INVESTIGATOR: **DOUG BELLEFEUILLE**
AGENCY INTEREST ID: **NOT REPORTED**
SOURCE ENTITY NAME: **GAVILON FERTILIZER - OMAHA**
SOURCE ENTITY ADDRESS: **1331 CAPITAL AVENUE**
SOURCE ENTITY CITY: **NOT REPORTED**
SOURCE ENTITY STATE: **NE**
SOURCE ENTITY ZIP CODE: **68102**

Back to Report Summary

MAP ID# 3

Distance from Property: 0.048 mi. (253 ft.) S
Elevation: 910 ft. (Lower than TP)

FACILITY INFORMATION

UNIQUE ID: **121558**
SITE ID: **121558**
SITE NAME: **ELLIOTT TRANSPORT SYSTEMS**
ADDRESS: **4104 32ND AVE S**
MOORHEAD, MN 56561 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=121558**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **INDUSTRIAL STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **INDUSTRIAL STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **MNR05354F**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **MNR05354F**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

Back to Report Summary

MAP ID# 4

Distance from Property: 0.051 mi. (269 ft.) NE
Elevation: 911 ft. (Lower than TP)

FACILITY INFORMATION

UNIQUE ID: **102646**
SITE ID: **102646**
SITE NAME: **CLAY COUNTY HIGHWAY DEPT - SW**
ADDRESS: **4150 30TH AVE S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102646**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **INDUSTRIAL STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **INDUSTRIAL STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **A00015824**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **A00015824**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **HEAVY CONSTRUCTION OTHER THAN BUILDING CONSTRUCTION CONTRACTORS; JUSTICE, PUBLIC ORDER, AND SAFETY**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

Back to Report Summary

MAP ID# 5

Distance from Property: 0.069 mi. (364 ft.) WNW
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **121395**
SITE ID: **121395**
SITE NAME: **PIONEER HI-BRED INTERNATIONAL INC**
ADDRESS: **4050 30TH AVE S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=121395**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **HAZARDOUS WASTE, MINIMAL QUANTITY GENERATOR**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **HAZARDOUS WASTE, MINIMAL QUANTITY GENERATOR**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **MNS000137612**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **MNS000137612**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HW**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **HAZARDOUS WASTE**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HAZARDOUS WASTE**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **SOIL PREPARATION, PLANTING, AND CULTIVATING**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 6

Distance from Property: 0.088 mi. (465 ft.) SW
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **125505**
SITE ID: **125505**
SITE NAME: **PACTIV**
ADDRESS: **3201 41ST ST S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=125505**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **INDUSTRIAL STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **INDUSTRIAL STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **A00020481**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **A00020481**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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Resource Conservation & Recovery Act - Generator (RCRAGR05)

MAP ID# 7

Distance from Property: 0.103 mi. (544 ft.) S
Elevation: 910 ft. (Lower than TP)

FACILITY INFORMATION

EPA ID#: **MNR000117275**
NAME: **ELLIOTT TRANSPORT SYSTEMS INC**
ADDRESS: **4101 32ND AVE S**
MOORHEAD, MN 56560
CONTACT NAME: **KRISTI KIPPEN**
CONTACT ADDRESS: **PO BOX 366**
MOORHEAD MN 56561-0366
CONTACT PHONE: **218-236-9220**
NON-NOTIFIER: **NOT A NON-NOTIFIER**
DATE RECEIVED BY AGENCY: **04/22/2003**

OWNER TYPE: **NOT REPORTED**
OWNER NAME: **NOT REPORTED**
OPERATOR TYPE: **PRIVATE**
OPERATOR NAME: **ELLIOTT TRANSPORT SYSTEMS INC**

CERTIFICATION

CERTIFICATION NAME:	CERTIFICATION TITLE:	CERTIFICATION SIGNED DATE:
KRISTI KIPPEN	**GENERAL CONTACT**	**01/15/2004**
KRISTI KIPPEN	**GENERAL CONTACT**	**03/20/2003**
KRISTI KIPPEN	**GENERAL CONTACT**	**03/18/2003**

INDUSTRY CLASSIFICATION (NAICS)

484121 - GENERAL FREIGHT TRUCKING, LONG-DISTANCE, TRUCKLOAD

CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR** LAST UPDATED DATE: **10/19/2009**
SUBJECT TO CORRECTIVE ACTION UNIVERSE: **NO**
TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **NO**
TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**
NON TSDFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**
CORRECTIVE ACTION WORKLOAD UNIVERSE: **NO**

IMPORTER: **NO**
MIXED WASTE GENERATOR: **NO**
RECYCLER: **NO**
TRANSPORTER: **NO**
ONSITE BURNER EXEMPTION: **NO**
FURNACE EXEMPTION: **NO**
USED OIL REFINER: **NO**
USED OIL TRANSFER FACILITY: **NO**
UNDERGROUND INJECTION: **NO**
UNIVERSAL WASTE DESTINATION FACILITY: **NO**
TRANSFER FACILITY: **NO**
USED OIL FUEL BURNER: **NO**
USED OIL PROCESSOR: **NO**
USED OIL FUEL MARKETER TO BURNER: **NO**
SPECIFICATION USED OIL MARKETER: **NO**
USED OIL TRANSPORTER: **NO**

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS
03/18/2003 **CEI COMPLIANCE EVALUATION INSPECTION ON-SITE**

VIOLATIONS
03/18/2003 **262.A GENERATORS - GENERAL**

ENFORCEMENTS

03/25/2003 **121 LETTER OF WARNING (LOW)**

HAZARDOUS WASTE

D001 **IGNITABLE WASTE**

UNIVERSAL WASTE **- NO UNIVERSAL WASTE REPORTED -**

CORRECTIVE ACTION AREA **- NO CORRECTIVE ACTION AREA INFORMATION REPORTED -**

CORRECTIVE ACTION EVENT

NO CORRECTIVE ACTION EVENT(S) REPORTED

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MAP ID# 7

Distance from Property: 0.103 mi. (544 ft.) S
Elevation: 910 ft. (Lower than TP)

FACILITY INFORMATION

UNIQUE ID: **92154**
SITE ID: **92154**
SITE NAME: **ELLIOTT TRANSPORT SYSTEMS INC**
ADDRESS: **4101 32ND AVE S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=92154**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **HAZARDOUS WASTE**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **HAZARDOUS WASTE**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **MNR000117275**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **MNR000117275**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HW**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **HAZARDOUS WASTE**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HAZARDOUS WASTE**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **GENERAL FREIGHT TRUCKING, LONG-DISTANCE, TRUCKLOAD ; GENERAL AUTOMOTIVE REPAIR**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 8

Distance from Property: 0.104 mi. (549 ft.) S
Elevation: 913 ft. (Higher than TP)

FACILITY INFORMATION

UNIQUE ID: **94000**
SITE ID: **94000**
SITE NAME: **MIDWEST CONCRETE PUMPING**
ADDRESS: **4117 32ND AVE S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=94000**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **C00015307**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00015307**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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Resource Conservation & Recovery Act - Generator (RCRAGR05)

MAP ID# 9

Distance from Property: 0.123 mi. (649 ft.) ENE
Elevation: 911 ft. (Lower than TP)

FACILITY INFORMATION

EPA ID#: **MNS000151522**
NAME: **MNDOT D4 MOORHEAD**
ADDRESS: **2951 41 1/2 ST S**
MOORHEAD, MN 56560
CONTACT NAME: **ERIC NESS**
CONTACT ADDRESS: **1000 HIGHWAY 10 W**
DETROIT LAKES MN 56501
CONTACT PHONE: **218-846-3637**
NON-NOTIFIER: **NOT A NON-NOTIFIER**
DATE RECEIVED BY AGENCY: **12/30/2010**

OWNER TYPE: **STATE**
OWNER NAME: **MNDOT CENTRAL OFFICE**
OPERATOR TYPE: **NOT REPORTED**
OPERATOR NAME: **NOT REPORTED**

CERTIFICATION

CERTIFICATION NAME:	CERTIFICATION TITLE:	CERTIFICATION SIGNED DATE:
ERIC NESS	**SAFETY ADMINISTRATOR**	**12/31/2008**
ERIC NESS	**SAFETY ADMINISTRATOR**	**12/31/2007**

INDUSTRY CLASSIFICATION (NAICS)
92612 - REGULATION AND ADMINISTRATION OF TRANSPORTATION PROGRAMS

CURRENT ACTIVITY INFORMATION

GENERATOR STATUS: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR** LAST UPDATED DATE: **02/17/2010**
SUBJECT TO CORRECTIVE ACTION UNIVERSE: **NO**
TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **NO**
TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**
NON TSDFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**
CORRECTIVE ACTION WORKLOAD UNIVERSE: **NO**

IMPORTER: **NO**
MIXED WASTE GENERATOR: **NO**
RECYCLER: **NO**
TRANSPORTER: **NO**
ONSITE BURNER EXEMPTION: **NO**
FURNACE EXEMPTION: **NO**
USED OIL REFINER: **NO**
USED OIL TRANSFER FACILITY: **NO**
UNDERGROUND INJECTION: **NO**
UNIVERSAL WASTE DESTINATION FACILITY: **NO**
TRANSFER FACILITY: **NO**
USED OIL FUEL BURNER: **NO**
USED OIL PROCESSOR: **NO**
USED OIL FUEL MARKETER TO BURNER: **NO**
SPECIFICATION USED OIL MARKETER: **NO**
USED OIL TRANSPORTER: **NO**

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS **- NO EVALUATIONS REPORTED -**
VIOLATIONS **- NO VIOLATIONS REPORTED -**
ENFORCEMENTS **- NO ENFORCEMENTS REPORTED -**

HAZARDOUS WASTE

- NO HAZARDOUS WASTE INFORMATION REPORTED -
UNIVERSAL WASTE **- NO UNIVERSAL WASTE REPORTED -**
CORRECTIVE ACTION AREA **- NO CORRECTIVE ACTION AREA INFORMATION REPORTED -**

CORRECTIVE ACTION EVENT

NO CORRECTIVE ACTION EVENT(S) REPORTED

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MAP ID# 9

Distance from Property: 0.123 mi. (649 ft.) ENE
Elevation: 911 ft. (Lower than TP)

FACILITY INFORMATION

UNIQUE ID: **102924**
SITE ID: **102924**
SITE NAME: **CLAY COUNTY**
ADDRESS: **2951 41 1/2 ST S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102924**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **MS4**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **MS4**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **MS400130**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **MS400130**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 9

Distance from Property: 0.123 mi. (649 ft.) ENE
Elevation: 911 ft. (Lower than TP)

FACILITY INFORMATION

UNIQUE ID: **65427**
SITE ID: **65427**
SITE NAME: **MNDOT D4 MOORHEAD**
ADDRESS: **2951 41 1/2 ST S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=65427**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **HAZARDOUS WASTE, MINIMAL QUANTITY GENERATOR**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **HAZARDOUS WASTE, MINIMAL QUANTITY GENERATOR**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **MNS000151522**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **MNS000151522**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HW**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **HAZARDOUS WASTE**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HAZARDOUS WASTE**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **REGULATION AND ADMINISTRATION OF TRANSPORTATION PROGRAMS**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 10

Distance from Property: 0.176 mi. (929 ft.) NW
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

Note: Data is current as of November 16th, 2018

GEOSEARCH ID: **146797UAST**
AGENCY INTEREST(AI) ID: **146797**
AGENCY INTEREST(AI) NAME: **RDO EQUIPMENT CO**
ADDRESS: **2900 MAIN AVE E**
MOORHEAD, MN 56560
OWNER: **PROFFUTT LIMITED PARTNERSHIP**
OWNER ADDRESS: **700 7TH ST S**
FARGO, ND 58103-2704

FACILITY DETAILS

ITEM ID(ID for an individual tank. One individual tank can have zero to many compartments.): **146797-EQUI0000000004**
ITEM COMPARTMENT(Represents a specific compartment of a specific tank.): **146797-EQUI0000000004-1**
TANK SITE ID: **TS0126126**
COMPARTMENT NUMBER WITHIN THE TANK: **1**
CAPACITY OF THIS COMPARTMENT IN GALLONS: **2000**
SUBSTANCE IN THE TANK: **USED OIL**
TANK WALL TYPE: **DOUBLE**
TANK MATERIAL: **CARBON STEEL**
TANK INSTALL DATE: **2/1/2006**
STATUS CHANGE DATE: **2/1/2006**
TANK STATUS: **ACTIVE**
TANKS CONTRACTOR: **NOT REPORTED**

ITEM ID(ID for an individual tank. One individual tank can have zero to many compartments.): **146797-EQUI0000000001**
ITEM COMPARTMENT(Represents a specific compartment of a specific tank.): **146797-EQUI0000000001-1**
TANK SITE ID: **TS0126126**
COMPARTMENT NUMBER WITHIN THE TANK: **1**
CAPACITY OF THIS COMPARTMENT IN GALLONS: **1000**
SUBSTANCE IN THE TANK: **LUBRICATING OILS**
TANK WALL TYPE: **SINGLE**
TANK MATERIAL: **CARBON STEEL**
TANK INSTALL DATE: **2/1/2006**
STATUS CHANGE DATE: **2/1/2006**
TANK STATUS: **CLOSED**
TANKS CONTRACTOR: **NOT REPORTED**

ITEM ID(ID for an individual tank. One individual tank can have zero to many compartments.): **146797-EQUI0000000002**
ITEM COMPARTMENT(Represents a specific compartment of a specific tank.): **146797-EQUI0000000002-1**
TANK SITE ID: **TS0126126**
COMPARTMENT NUMBER WITHIN THE TANK: **1**
CAPACITY OF THIS COMPARTMENT IN GALLONS: **1500**

SUBSTANCE IN THE TANK: **LUBRICATING OILS**
TANK WALL TYPE: **SINGLE**
TANK MATERIAL: **CARBON STEEL**
TANK INSTALL DATE: **2/1/2006**
STATUS CHANGE DATE: **2/1/2006**
TANK STATUS: **CLOSED**
TANKS CONTRACTOR: **NOT REPORTED**

ITEM ID(ID for an individual tank. One individual tank can have zero to many compartments.): **146797-EQUI0000000003**
ITEM COMPARTMENT(Represents a specific compartment of a specific tank.): **146797-EQUI0000000003-1**
TANK SITE ID: **TS0126126**
COMPARTMENT NUMBER WITHIN THE TANK: **1**
CAPACITY OF THIS COMPARTMENT IN GALLONS: **560**
SUBSTANCE IN THE TANK: **DIESEL FUEL**
TANK WALL TYPE: **SINGLE**
TANK MATERIAL: **CARBON STEEL**
TANK INSTALL DATE: **12/1/2005**
STATUS CHANGE DATE: **12/1/2005**
TANK STATUS: **ACTIVE**
TANKS CONTRACTOR: **NOT REPORTED**

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MAP ID# 10

Distance from Property: 0.176 mi. (929 ft.) NW
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **135638**
SITE ID: **135638**
SITE NAME: **RDO EQUIPMENT PARKING LOT IMPROVEMENTS**
ADDRESS: **2900 MAIN AVE. SE**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=135638**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **C00032850**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00032850**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

Back to Report Summary

MAP ID# 10

Distance from Property: 0.176 mi. (929 ft.) NW
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **146797**
SITE ID: **146797**
SITE NAME: **RDO EQUIPMENT CO**
ADDRESS: **2900 MAIN AVE E**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=146797**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **ABOVEGROUND TANKS**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **ABOVEGROUND TANKS**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **TS0126126**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **TS0126126**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **TL**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **TANKS**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **TANKS**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 10

Distance from Property: 0.176 mi. (929 ft.) NW
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **95509**
SITE ID: **95509**
SITE NAME: **RDO EQUIPMENT CO - MOORHEAD**
ADDRESS: **2900 MAIN AVE**
MOORHEAD, MN 56560-5465 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=95509**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **MULTIPLE ACTIVITIES**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER; HAZARDOUS WASTE, VERY SMALL QUANTITY GENERATOR**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **MULTIPLE IDS**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00014807; MNS000168641**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HW; ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **MULTIPLE PROGRAMS**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HAZARDOUS WASTE; STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **FARM AND GARDEN MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS ; GENERAL AUTOMOTIVE REPAIR**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 11

Distance from Property: 0.201 mi. (1,061 ft.) S
Elevation: 913 ft. (Higher than TP)

FACILITY INFORMATION

UNIQUE ID: **213669**
SITE ID: **213669**
SITE NAME: **H&S CONTRACTING**
ADDRESS: **4110 34TH AVE SOUTH**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=213669**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **C00044048**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00044048**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 12

Distance from Property: 0.227 mi. (1,199 ft.) ESE
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

Note: Data is current as of November 16th, 2018

GEOSEARCH ID: **98285UAST**

AGENCY INTEREST(AI) ID: **98285**

AGENCY INTEREST(AI) NAME: **PACTIV CORP - SW**

ADDRESS: **3010 42ND ST S**
MOORHEAD, MN 56560

OWNER: **PACTIV**

OWNER ADDRESS: **NOT REPORTED**
NOT REPORTED, NOT REPORTED NOT REPORTED

FACILITY DETAILS

ITEM ID(ID for an individual tank. One individual tank can have zero to many compartments.): **98285-EQUI0000000001**

ITEM COMPARTMENT(Represents a specific compartment of a specific tank.): **98285-EQUI0000000001-1**

TANK SITE ID: **TS0124172**

COMPARTMENT NUMBER WITHIN THE TANK: **1**

CAPACITY OF THIS COMPARTMENT IN GALLONS: **7000**

SUBSTANCE IN THE TANK: **OTHER**

TANK WALL TYPE: **SINGLE**

TANK MATERIAL: **PLASTIC (PVC, FLEXIBLE PLASTIC, ETC.)**

TANK INSTALL DATE: **6/1/1999**

STATUS CHANGE DATE: **6/1/1999**

TANK STATUS: **CLOSED**

TANKS CONTRACTOR: **NOT REPORTED**

ITEM ID(ID for an individual tank. One individual tank can have zero to many compartments.): **98285-EQUI0000000002**

ITEM COMPARTMENT(Represents a specific compartment of a specific tank.): **98285-EQUI0000000002-1**

TANK SITE ID: **TS0124172**

COMPARTMENT NUMBER WITHIN THE TANK: **1**

CAPACITY OF THIS COMPARTMENT IN GALLONS: **6000**

SUBSTANCE IN THE TANK: **CHEMICAL OTHER OR UNSPECIFIED**

TANK WALL TYPE: **SINGLE**

TANK MATERIAL: **PLASTIC (PVC, FLEXIBLE PLASTIC, ETC.)**

TANK INSTALL DATE: **6/1/1993**

STATUS CHANGE DATE: **6/1/1993**

TANK STATUS: **CLOSED**

TANKS CONTRACTOR: **NOT REPORTED**

Back to Report Summary

MAP ID# 12

Distance from Property: 0.227 mi. (1,199 ft.) ESE
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **138873**
SITE ID: **138873**
SITE NAME: **BUILDING EXPANSION AND PARKING LOT**
ADDRESS: **3010 42ND STREET SOUTH**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=138873**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **C00034538**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00034538**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

Back to Report Summary

MAP ID# 12

Distance from Property: 0.227 mi. (1,199 ft.) ESE
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **4561**
SITE ID: **4561**
SITE NAME: **PACTIV LLC**
ADDRESS: **3010 42ND ST S**
MOORHEAD, MN 56560-6006 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4561**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **MULTIPLE ACTIVITIES**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **HAZARDOUS WASTE, VERY SMALL QUANTITY GENERATOR; INDUSTRIAL STORMWATER; WASTEWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **MULTIPLE IDS**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **A00014060; MN0000293506; MNR0533CZ; MNR053C83; WW-GEN**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HW; ST; WW**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **MULTIPLE PROGRAMS**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **HAZARDOUS WASTE; STORMWATER; WATER QUALITY**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

Back to Report Summary

MAP ID# 12

Distance from Property: 0.227 mi. (1,199 ft.) ESE
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **98285**
SITE ID: **98285**
SITE NAME: **PACTIV CORP - SW**
ADDRESS: **3010 42ND ST S**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=98285**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **ABOVEGROUND TANKS**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **ABOVEGROUND TANKS**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **TS0124172**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **TS0124172**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **TL**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **TANKS**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **TANKS**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

Back to Report Summary

MAP ID# 13

Distance from Property: 0.271 mi. (1,431 ft.) SSE
Elevation: 927 ft. (Higher than TP)

FACILITY INFORMATION

UNIQUE ID: **145953**
SITE ID: **145953**
SITE NAME: **D & M WAREHOUSE**
ADDRESS: **ADDRESS UNKNOWN**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=145953**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **C00037294**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00037294**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 14

Distance from Property: 0.274 mi. (1,447 ft.) E
Elevation: 912 ft. (Equal to TP)

FACILITY INFORMATION

UNIQUE ID: **143011**
SITE ID: **143011**
SITE NAME: **UNISHIPPERS ADDITION**
ADDRESS: **4225 30TH AVENUE SOUTH**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=143011**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **C00034918**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00034918**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 15

Distance from Property: 0.305 mi. (1,610 ft.) SE
Elevation: 915 ft. (Higher than TP)

FACILITY INFORMATION

UNIQUE ID: **217123**
SITE ID: **217123**
SITE NAME: **RIGELS WAREHOUSE**
ADDRESS: **3340 42 STREET SOUTH**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=217123**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **MULTIPLE IDS**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00046743; CS-GEN**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 16

Distance from Property: 0.315 mi. (1,663 ft.) ESE
Elevation: 911 ft. (Lower than TP)

FACILITY INFORMATION

UNIQUE ID: **216536**
SITE ID: **216536**
SITE NAME: **MJOLSNESS PROPERTIES**
ADDRESS: **3305 SOUTH 43RD STREET**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=216536**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **MULTIPLE IDS**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00046131; CS-GEN**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 17

Distance from Property: 0.366 mi. (1,932 ft.) ESE
Elevation: 911 ft. (Lower than TP)

FACILITY INFORMATION

UNIQUE ID: **140782**
SITE ID: **140782**
SITE NAME: **OPPORTUNITY SUBSTATION**
ADDRESS: **ADDRESS UNKNOWN**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=140782**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **C00032898**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00032898**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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MAP ID# 18

Distance from Property: 0.368 mi. (1,943 ft.) W
Elevation: 909 ft. (Lower than TP)

FACILITY INFORMATION

UNIQUE ID: **130980**
SITE ID: **130980**
SITE NAME: **11-A2-2 VILLAGE GREEN AREA PHASE 2**
ADDRESS: **ADDRESS UNKNOWN**
MOORHEAD, MN 56560 CLAY
SITE URL: **https://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=130980**

FACILITY DETAILS

MPCA ACTIVITY OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
COMMA-DELIMITED LIST OF MPCA ACTIVITIES OF INTEREST AT THE SITE: **CONSTRUCTION STORMWATER**
MPCA ID ASSOCIATED WITH AN ACTIVITY AT THE SITE: **C00031845**
COMMA-DELIMITED LIST OF MPCA IDS ASSOCIATED WITH ACTIVITIES AT THE SITE: **C00031845**
COMMA-DELIMITED LIST OF CODES FOR PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **ST**
NAME OF THE MPCA PROGRAM ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
COMMA-DELIMITED LIST OF NAMES OF MPCA PROGRAMS ASSOCIATED WITH ACTIVITIES AT THE SITE: **STORMWATER**
PRIMARY INDUSTRIAL CLASSIFICATION ASSOCIATED WITH THE SITE: **NOT REPORTED**
INDICATES THE PRESENCE OF INSTITUTIONAL CONTROLS AT THE SITE: **NO**

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Unlocated Sites Summary

This list contains sites that could not be mapped due to limited or incomplete address information.

Database Name	Site ID#	Site Name	Address	City/State/Zip/County
WIMN	82439	VILLAGE GREEN 18TH PHASE II RES SUB	SEE LOCATION DESCRIPTION	MOORHEAD 56560 Clay
WIMN	135413	VILLAGE GREEN AREA PHASE 1 - MOORHEAD	SEE LOCATION DESCRIPTION	MOORHEAD 56560 Clay

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BRS Biennial Reporting System

VERSION DATE: 12/31/15

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 10/05/17

The U.S. Department of Justice ("the Department") provides this information 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. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

DOCKETS EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

EC Federal Engineering Institutional Control Sites

VERSION DATE: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

ECHOR05 Enforcement and Compliance History Information

VERSION DATE: 09/01/18

The EPA's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

ERNSMN Emergency Response Notification System

VERSION DATE: 10/28/18

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSMN Facility Registry System

VERSION DATE: 10/09/18

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

HMIRSR05 Hazardous Materials Incident Reporting System

VERSION DATE: 09/30/18

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 5. Region 5 includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

ICIS Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 09/01/18

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 07/09/17

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database is provided by the U.S. Environmental Protection Agency.

LUCIS Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System

VERSION DATE: 06/29/17

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements. Disclaimer: Due to agency regulations and policies, this database contains applicant/licensee location information which may or may not be related to the physical location per MLTS site.

NPDESR05 National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Authorized by the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. The NPDES database was collected from the U.S. Environmental Protection Agency (EPA) from December 2002 through April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 5. This region includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

PADS PCB Activity Database System

VERSION DATE: 09/14/18

PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the U.S. Environmental Protection Agency of such activities.

PCSR05 Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 5. This region includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

RCRASC RCRA Sites with Controls

VERSION DATE: 11/21/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

SEMSLIENS SEMS Lien on Property

VERSION DATE: 08/13/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs. This is a listing of SEMS sites with a lien on the property.

SFLIENS CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency 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. This database contains those CERCLIS sites where the Lien on Property action is complete. Please refer to the SEMSLIENS database as source of current data.

SSTS Section Seven Tracking System

VERSION DATE: 02/01/17

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/31/16

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/31/12

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

RCRAGR05 Resource Conservation & Recovery Act - Generator

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA Region 5 includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

RCRANGR05 Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-generators. Non-Generators do not presently generate hazardous waste. EPA Region 5 includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

ALTFUELS Alternative Fueling Stations

VERSION DATE: 09/01/18

Nationwide list of alternative fueling stations made available by the U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Bio-diesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

FEMAUST FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

HISTPST Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

ICISCLEANERS Integrated Compliance Information System Drycleaners

VERSION DATE: 09/01/18

This is a listing of drycleaner facilities from the Integrated Compliance Information System (ICIS). The U.S. Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

MRDS Mineral Resource Data System

VERSION DATE: 03/15/16

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

MSHA Mine Safety and Health Administration Master Index File

VERSION DATE: 08/31/18

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

BF Brownfields Management System

VERSION DATE: 10/01/18

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. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 12/17/18

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

ODI Open Dump Inventory

VERSION DATE: 06/01/85

The open dump inventory was published by the United States Environmental Protection Agency. An “open dump” is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

RCRAT Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

SEMS Superfund Enterprise Management System

VERSION DATE: 12/12/18

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

SEMSARCH Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 12/13/18

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System Archived Site Inventory (List 8R Archived) replaced the CERCLIS NFRAP reporting system in 2015. This listing reflects sites at which the EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program.

SMCRA Surface Mining Control and Reclamation Act Sites

VERSION DATE: 09/14/18

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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.

USUMTRCA Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

DNPL Delisted National Priorities List

VERSION DATE: 11/14/18

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

DOD Department of Defense Sites

VERSION DATE: 12/01/14

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

FUDS Formerly Used Defense Sites

VERSION DATE: 06/01/15

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. DISCLAIMER: This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

FUSRAP Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 12/17/18

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

NMS Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

NPL National Priorities List

VERSION DATE: 11/14/18

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

PNPL Proposed National Priorities List

VERSION DATE: 11/14/18

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems

that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

RCRASUBC Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 12/17/18

The Resource Conservation and Recovery Act (RCRA) gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

RODS Record of Decision System

VERSION DATE: 08/13/18

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

Environmental Records Definitions - STATE (MN)

AIRS Permitted Air Facilities

VERSION DATE: 08/01/18

This database contains facilities with air permits issued by the by the Minnesota Pollution Control Agency. These permits identify the units at each facility that generate air pollutants and, where applicable, the limits on those emissions. In some cases a permit may also authorize construction or modification of a facility.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 07/30/18

This listing of clandestine methamphetamine laboratories is provided by the Minnesota Department of Health. Each meth lab, spill or dump is a potential hazardous waste site, requiring assessment and remediation by experienced and qualified personnel. Former meth lab sites are being cleaned (or remediated) in many Minnesota communities. In these communities, the cleanups are being guided by city and county ordinances, local housing laws, and Minnesota Statute 145A, the Public Health Nuisance Statute.

FEEDLOT Feedlots

VERSION DATE: 08/02/18

Feedlots may be small farms or large-scale commercial livestock operations. They are places where animals are confined for feeding, breeding or holding. The Minnesota Pollution Control Agency (MPCA) and its county partners place requirements on how manure is managed at feedlots, so that it does not contaminate nearby surface water and groundwater.

PCASPILLS Spills Listing

VERSION DATE: 11/16/18

The Minnesota Pollution Control Agency's Emergency Response Team maintains this listing of reported petroleum product, hazardous substance, and/or other spills.

SWUP Solid Waste Utilization Projects

VERSION DATE: 08/02/18

According to the Minnesota Pollution Control Agency, a solid waste utilization project uses certain wastes in a new way to recycle the material instead of putting it into a landfill. An example is using tires to create furniture. The beneficial use of waste products saves landfill capacity for materials that do not have alternative uses. By using solid waste, individuals and organizations can reduce disposal costs, or even generate profit through the sale of materials that have a beneficial use.

TIERII Tier Two Facility Listing

VERSION DATE: 05/11/18

The Minnesota Department of Public Safety's Emergency Planning and Community Right-to-Know Act Program (EPCRA) maintains this listing of Tier Two facilities which store hazardous chemicals on-site. These facilities subject to EPCRA reporting submit Tier II forms which provide information such as the Material Safety Data Sheet (MSDS) chemical or common name, emergency contact information, approximate amount of chemical stored, along with the location of the chemical at the facility.

WDP Water Discharge Permits

VERSION DATE: 08/01/18

This Minnesota Pollution Control Agency (MPCA) database includes the following types of water permits: Construction Stormwater Permits, Construction Stormwater Site Subdivisions, Industrial Stormwater Permits, MS4 Projects, and Wastewater Dischargers. A construction stormwater permit is designed to limit pollution during and after construction by controlling the erosion associated with construction activities. A construction stormwater site subdivision is a site where a construction project with an existing stormwater permit has been sub-divided into smaller parcels. Industrial stormwater permits are designed to limit the amount of harmful contaminants that reach surface water and groundwater, by requiring good practices for storing and handling materials. A Municipal Separate Storm Sewer System (MS4) is a system of conveyances - such as gutters, ditches, city streets and storm drains - which is used as a path for stormwater. Regulated MS4s cover large areas, and are owned or operated by a public entity such as a city, county, township, watershed district or university. A wastewater discharger is a facility that generates or treats wastewater for discharge onto land or into water.

BULKSTORAGE Bulk Storage Permits

VERSION DATE: 08/26/18

The Minnesota Department of Agriculture's Licensing Information System (LIS) lists individuals or companies who hold licenses, certificates and/or permits required by state law and regulated by the Department. This database only contains those LIS licenses related to anhydrous ammonia storage facilities and bulk pesticide/ fertilizer storage facilities. Please note the data is real time and therefore constantly changing.

CLEANERS Registered Drycleaning Facilities

VERSION DATE: 02/27/17

The Minnesota Pollution Control Agency maintains this listing of registered dry cleaning facilities.

IC Sites with Institutional Controls

VERSION DATE: 10/30/18

Institutional controls are defined by Minnesota Statute, Section 115B.02, subdivision 9a, as legally enforceable restrictions, conditions, or controls on the use of real property, ground water, or surface water located at or adjacent to a facility where response actions are taken that are reasonably required to assure that the response actions are protective of public health or welfare or the environment. Institutional controls include restrictions,

conditions, or controls enforceable by contract, easement, restrictive covenant, statute, ordinance, or rule, including official controls such as zoning, building codes, and official maps. An affidavit required under section 115B.16, subdivision 2, or similar notice of a release recorded with real property records is also an institutional control.

PBRLF Permitted By Rule Landfills

VERSION DATE: 10/30/18

According to the Minnesota Pollution Control Agency, a landfill that is permitted by rule is not required to obtain an individual solid waste permit if it meets certain eligibility criteria. However, it must comply with waste management rules and regulations. Landfills may be permitted by rule if they have a small capacity and/or operate for a short period of time.

UAST Registered Storage Tanks

VERSION DATE: 11/16/18

The Registered Storage Tanks Database provides information on aboveground and underground storage tanks registered with the Minnesota Pollution Control Agency. Owners of USTs and ASTs with a capacity of 500 gallons or more which contain petroleum or hazardous substances must notify the MPCA of the existence of these tanks. Tanks not subject to notification include farm and residential motor fuel tanks less than 1,100 gallons; heating oil tanks less than 1,100 gallons; flow-through process tanks; septic tanks; and agricultural chemical tanks. Some of the data included reflects storage tanks reported in the old "TALES" database. New data reported here is from the MPCA's new "TEMPO" database.

AGSPILLS Agricultural Spills Listing

VERSION DATE: 08/27/18

This list of reported spill incidents is provided by the Minnesota Department of Agriculture (MDA). The MDA is the lead agency for response to, and cleanup of, agricultural chemical contamination (pesticides and fertilizers) in Minnesota. The MDA has grouped these spills into three categories: Old Emergencies, Small Spills and Investigations, and Investigations Boundaries. Old Emergencies represent emergencies which were closed prior to March 1, 2004. These files and the locations plotted have not been reviewed for accuracy and completeness. Smalls Spills and Investigations represent the location of small spills and investigations, which were closed after March 1, 2004. Investigation Boundaries represent the approximate extent of large spills and other types of facility investigations. Facility Investigations are further subdivided into the following program areas: Awaiting Prioritization Investigation files of known or potential agricultural chemical contamination that are waiting to be prioritized; Prioritized Investigation files of known or potential agricultural chemical contamination that have been prioritized and are awaiting activation; Comprehensive Facility Investigation/MERLA Investigation files of known or potential agricultural chemical contamination that have been activated in MDA's Comprehensive Facility Investigation Program or are active Superfund sites under MDA's oversite; AgVIC Investigation files of known or potential agricultural chemical contamination that have enrolled in the MDA's Agricultural Voluntary Investigation and Cleanup (AgVIC) Program; and Agricultural Chemical Emergency Response Investigation files that were reported as emergency spills of agricultural chemicals and are large enough in size to be represented by a

polygon.

CAFO Concentrated Animal Feeding Operations

VERSION DATE: 10/01/18

A Concentrated Animal Feeding Operation (CAFO) is any feeding operation with a capacity of 1,000 or more animal units according to federal animal unit calculations. The Minnesota Pollution Control Agency can also define a facility with less than 1,000 animal units as a CAFO on a case-by-case basis, depending on site conditions, and if manure or process wastewater is directly discharged to waters of the state. Facilities that are CAFOs must comply with both federal regulations and state rules. Two or more feedlots under common ownership are considered a single facility if they adjoin each other or use the same manure storage or disposal system.

CLF Closed Landfills

VERSION DATE: 12/09/18

This database includes closed solid waste facilities and sites that have been entered into the PCA's Closed Landfill Program (CLP). The CLP is a voluntary program established by the legislature in 1994 to properly close, monitor, and maintain Minnesota's closed municipal sanitary landfills. Any MPCA-permitted mixed-municipal solid waste landfill that stopped accepting mixed municipal solid waste (MMSW) by April 9, 1994, and demolition debris before May 1, 1995, can qualify for application to this program.

CONTINGENCIES Agricultural Contingency Sites

VERSION DATE: 09/27/18

The Minnesota Department of Agriculture (MDA) Incident Response Unit (IRU) is the state lead agency for the investigation and remediation of incidents involving agricultural chemicals (pesticides and fertilizer). This MDA IRU database includes sites with a soil or ground water contingency, deed restriction, local ordinance, restrictive covenant or deed affidavit in place. The accuracy of these sites can be variable. In most cases, the site boundaries should be considered as only representing the vicinity of the soil or ground water contingency area or plume.

LUAST Registered Leaking Storage Tanks

VERSION DATE: 11/30/18

The Minnesota Pollution Control Agency maintains this listing of leaking aboveground and underground storage tanks. Tank owners are required to immediately report a leak or spill of more than five gallons of petroleum, or any amount of a hazardous substance, from any tank or piping. All leaks and spills from USTs and ASTs and associated piping must be cleaned up to protect the environment and public health. In April of 2016, the MPCA Remediation Programs began utilizing a new data management system and completed this transition in 2018. Please note that select data may be incomplete for sites migrated from the prior data management system, refer to LUAST2016 as an additional leaking storage tank data source.

LUAST2016 Registered Leaking Storage Tanks Prior to April 2016

VERSION DATE: 04/01/16

The Minnesota Pollution Control Agency maintains this listing of leaking aboveground and underground storage tanks registered with the MPCA through April of 2016. Tank owners are required to immediately report a leak or spill of more than five gallons of petroleum, or any amount of a hazardous substance, from any tank or piping. All leaks and spills from USTs and ASTs and associated piping must be cleaned up to protect the environment and public health. In April of 2016, the MPCA Remediation Programs began utilizing a new data management system and completed this transition in 2018. Please refer to LUAST database as source of current data.

PBF Petroleum Brownfields Program Sites

VERSION DATE: 11/01/18

This listing of Petroleum Brownfield sites, including those with Development Response Action Plans dated between 2008 and 2012, is provided by the Minnesota Pollution Control Agency (MPCA). The Petroleum Brownfields Program (formerly VPIC) provides the technical assistance and liability assurance needed to facilitate and expedite the development, transfer, investigation and/or cleanup of property that is contaminated with petroleum. Even after cleanup or MPCA file closure most properties will have contamination remaining. State law requires that persons properly manage contaminated soil and water they uncover or disturb - even if they are not the party responsible for the contamination. Property owners, purchasers or developers of property where contaminated soil or water might be encountered may include provisions - called "response actions" - in development plans describing how petroleum contaminated soil and water will be managed if encountered. For some properties, special construction might be needed to prevent the further spreading of the contamination and/or to prevent petroleum vapors from entering buildings or utility access shafts.

PVICP Potential Voluntary Investigation and Cleanup Program Sites

VERSION DATE: 04/22/16

This listing of Potential Voluntary Investigation and Cleanup Program sites is provided by the Minnesota Pollution Control Agency. These potential sites have not yet entered into the VIC Program until an application has been received at the MPCA.

SAS State Assessment Sites

VERSION DATE: 10/30/18

State Assessment sites are places that Minnesota Pollution Control Agency (MPCA) Site Assessment staff have investigated because of suspected contamination. The sites investigated include abandoned industrial properties, small commercial businesses and publicly-owned land. (Note that petroleum-contaminated sites are investigated by MPCA Tanks and Leaks staff.) These sites may be referred to the Site Assessment program by the Voluntary Investigation and Cleanup (VIC) program, the Petroleum Remediation program, Minnesota Duty Officer reports or citizen complaints. Site Assessment staff do an initial assessment, and then determine if further action is needed. If a site poses a threat to human health or the environment, it is referred to CERCLIS,

Superfund, RCRA Cleanup or VIC.

SRS Site Response Section Database

VERSION DATE: 04/22/16

The Minnesota Pollution Control Agency (MPCA) is involved in remediation activities through various programs. Remediation is the process of cleaning up pollution in the soil, water or air. The pollution can result from an accidental spill or from activities that occur over a long time. This MPCA database includes remediation sites from the Superfund, Voluntary Investigation and Cleanup, Brownfields, Resource Conservation and Recovery Act, Tanks, Landfills, and Emergency Response Programs.

SWF Solid Waste Facilities

VERSION DATE: 11/30/18

This list of permitted solid waste facilities is provided by the Minnesota Pollution Control Agency. Solid waste includes mixed municipal solid waste (garbage), construction and demolition debris, and/or industrial solid waste.

UNPERMDUMPS Unpermitted Dump Sites

VERSION DATE: 08/03/18

Unpermitted dump sites are landfills that never held a valid permit from the Minnesota Pollution Control Agency (MPCA). Generally, these dumps existed prior to the permitting program established with the creation of the MPCA in 1967. These dumps are not restricted to any type of waste, but were often old farm or municipal disposal sites that accepted household waste. State assessment staff have investigated many of these dump sites.

VICP Voluntary Investigation and Cleanup Program Sites

VERSION DATE: 12/02/18

The Voluntary Investigation and Cleanup (VIC) Program site listing is provided by the Minnesota Pollution Control Agency. This program encourages timely property transactions by reducing potential health or environmental risks from contamination and promoting the redevelopment of these properties.

WIMN What's In My Neighborhood Database

VERSION DATE: 10/22/18

This online application offers you a way to access a wide variety of environmental information about your community. You can search for: A.) Potentially contaminated sites: Since the early 1980s when major federal and state cleanup programs were created, the MPCA has been aggressively searching for and helping to clean up contaminated properties, from very small to large. This website contains a searchable inventory of those properties, as well as sites that have already been cleaned up and those currently being investigated or cleaned up. B.) Environmental permits and registrations: This Web application also contains a searchable inventory of

businesses that have applied for and received different types of environmental permits and registrations from the MPCA.

REMSITES MPCA Remediation Sites

VERSION DATE: 11/30/18

This list of Remediation Sites is provided by the Minnesota Pollution Control Agency. In April of 2016, the MPCA Remediation Programs began utilizing a new data management system and completed this transition in 2018. The environmental site types included in this database are Brownfield, Integrated Remediation, Leaking Storage Tank, RCRA Remediation, Superfund, Superfund sub-area, and Site Assessment Sites. Please note that select data may be incomplete for sites migrated from the prior data management system.

SF Superfund Site Information Listing

VERSION DATE: 11/12/18

The Minnesota Pollution Control Agency's 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. Superfund does not deal with Resource Conservation and Recovery Act (RCRA) sites or petroleum storage tank releases.

Environmental Records Definitions - TRIBAL

USTR05 Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/12/18

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 5. Region 5 includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

LUSTR05 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 04/12/18

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 5. Region 5 includes the following states: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

INDIANRES Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

Appendix C

County Tax Information

Property Summary

Parcel Number: 58.417.0100
Primary Address: 4111 30Th Ave S
Owner: SUNRICH
PO BOX 128
Hope, MN 56046-0128

Zoning: Light Industrial

Abbreviated Legal Description: & LOT 2 MCCARAS 1ST ADD Lot 001
Block 003

Floodplain: No

Ward:
Precinct:
Voting Location:
Council Members:

Property Valuation

Questions on this section? Please call 218.299.5258

All data and values are current as of January 2, 2019

Assessment Year	Payable Year	Land	Building	Total Value
2018	2019	$325,600	$1,080,400	$1,406,000
2017	2018	$325,600	$1,209,100	$1,534,700
2016	2017	$325,600	$1,209,100	$1,534,700

Building Information

Questions on this section? Please call 218.299.5258

Year Built	Style	Garage/Carport	Building Footprint	Total Living Area	Garage Area
N/A	N/A	N/A	N/A	N/A	N/A

Land Information

Questions on this section? Please call 218.299.5258

Front	Back	Side 1	Side 2	Total Area
N/A	N/A	N/A	N/A	217,037

Classification
Industrial Non-Homestead

Sales History

Questions on this section? Please call 218.299.5258

There may be a period of several months between the recording of a sale at the Clay County Recorder's Office and its posting on this site.
For current information, please refer to the eCRV search page on the Minnesota Department of Revenue website.

Date	Sales Price	Buyer	Seller	Multi-Parcel Sale
5/31/2005	$2,800,000	SUNRICH, LCC	EARTHWISE PROCESSORS LLC	No
5/31/2005	$2,800,000	SUNRICH, LCC	EARTHWISE PROCESSORS LLC	Yes
6/19/2000	$1,500,000	EARTHWISE PROCESSORS LLC	BUSCH AGRICULTURAL RESOURCES INC	No
6/19/2000	$1,500,000	EARTHWISE PROCESSORS LLC	BUSCH AGRICULTURAL RESOURCES INC	Yes

Code Enforcement History Questions on this section? Please call 218.299.5434

Code enforcement issues reported in the past 12 months.
No Code Enforcement History

Permit History Questions on this section? Please call 218.299.5424

Date	Permit Number	Description
4/29/2008	S21966-08	One permanent wall mounted sign for sunopta. SUNOPTA
3/03/1997	B10497-97	Construct four tanks for bean storage--ea tank 14' by 68' (total height to top of conveyors)--tanks are 60-65 ft from existing plant and existing bins--cup approved by city council on 3-3-97.

Registered Rental Questions on this section? Please call 218.299.5434

No Rental History

DISCLAIMER

The City of Moorhead has developed the property information web site to display data that comes from the Property Records and Computer Aided Mass Appraisal system. The data is compiled for purposes of estimating fair market value of Real Estate and setting classification for Real Estate tax purposes only. Please do not confuse our data with similar terms that other sectors such as Realtors and financial institutions use.

Every attempt has been made to ensure that the information contained on this web site is valid at the time of publication. The City of Moorhead makes no representation or warranties, either express or implied. Additionally, the City of Moorhead disclaims any and all liability for any damages due to the accuracy, availability, use or misuse of the information herein provided. Any person or entity that relies on any information obtained from this web site does so at his or her own risk.

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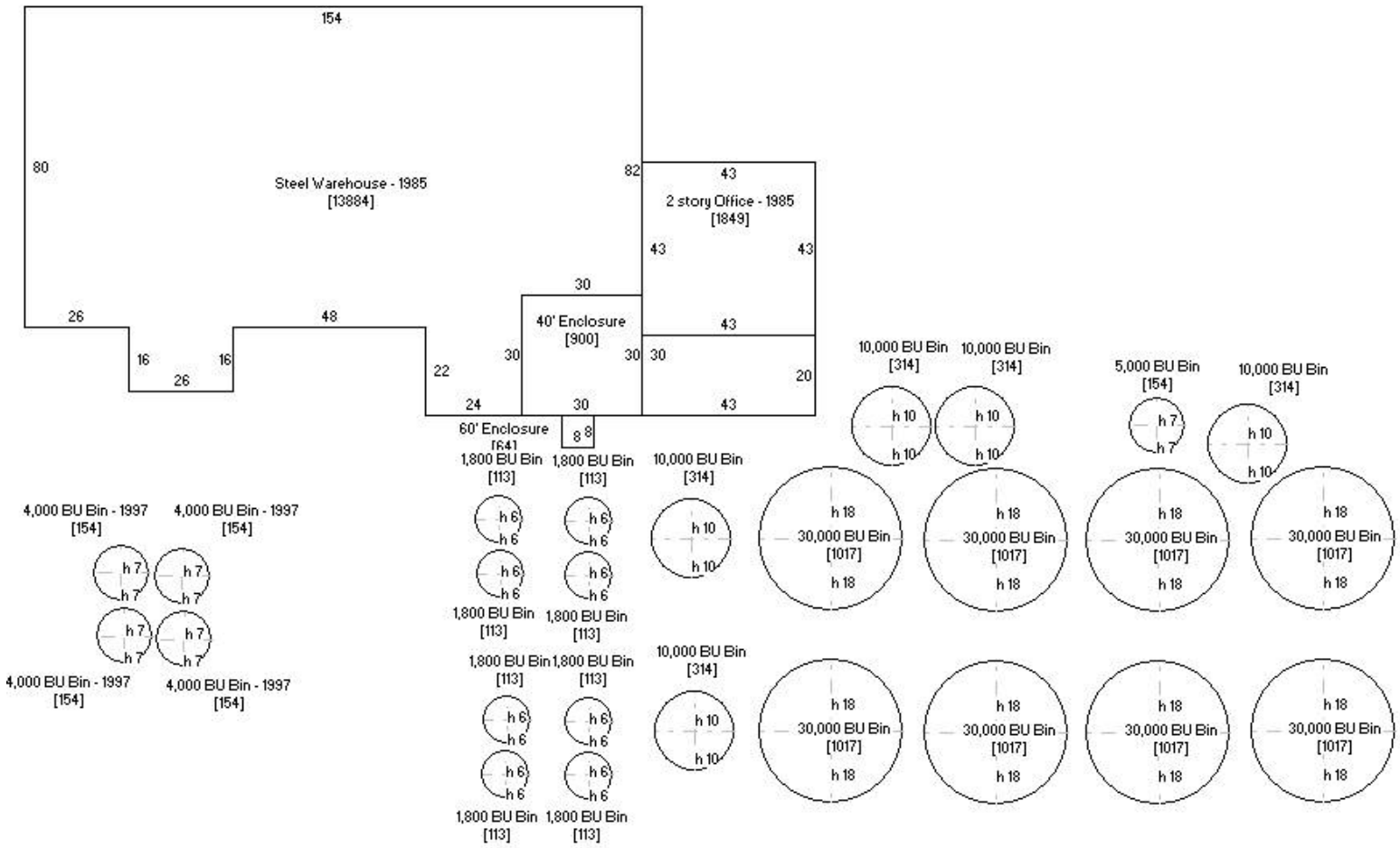
154
80
Steel Warehouse - 1985
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82
43
2 story Office - 1985
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43
43
30
26
48
40' Enclosure
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h 10
h 18
30,000 BU Bin
[1017]

Clay County Auditor
Treasurer

Lori J. Johnson
Clay County Auditor-Treasurer
807 11th Street North
Moorhead, MN 56560
(218) 299-5011
cctreasurer@co.clay.mn.us

Clay County Parcel Information

Parcel ID	Status	Last Update
58.417.0100	Active	1/11/2019 11:07:01 AM

Current Owner:
SUNRICH
PO BOX 128
HOPE , MN 56046-0128

Property Address:
4111 30TH AVE S
MOORHEAD MN 56560

TAG
CITY OF MOORHEAD 152 B 5801

Lender:

Legal Description
SubdivisionName MCCARAS 1ST ADD Lot 001 Block 003 SubdivisionCd 58417

Bill by Authority

Operation	Gross Tax	Credit	Net Tax
CITY OF MOORHEAD	$7,973.30	($5,986.20)	$1,987.10
CLAY COUNTY	$13,644.79	($10,243.94)	$3,400.85
MOORHEAD EDA	$368.71	($276.82)	$91.89
SCHOOL DISTRICT 152	$6,157.10	($2,502.42)	$3,654.68
STATE	$12,476.96	$0.00	$12,476.96
WATERSHED-BUFFALO	$510.79	($383.49)	$127.30
Sub Total	**$41,131.65**	**($19,392.87)**	**$21,738.78**
Special Assessment	Gross Tax	Credit	Net Tax
SP CITY OF MOOR 2018	$6,484.44	$0.00	$6,484.44
SP CLAY CO 2018	$280.00	$0.00	$280.00
Sub Total	**$6,764.44**	**$0.00**	**$6,764.44**
Debt	Gross Tax	Credit	Net Tax
CITY OF MOORHEAD	$4,670.97	($3,506.87)	$1,164.10
CLAY COUNTY	$459.76	($345.18)	$114.58
SCHOOL DISTRICT 152	$6,171.56	($4,633.46)	$1,538.10
Sub Total	**$11,302.29**	**($8,485.51)**	**$2,816.78**
Total Tax	**$59,198.38**	**($27,878.38)**	**$31,320.00**

Installments

Period	Bill Number	Due Date	Tax Year	Tax	Penalty/Fee	Interest	Total Due
INST 1	101025	5/15/2018	2018	$0.00	$0.00	$0.00	$0.00
INST 2	101025	10/15/2018	2018	$0.00	$0.00	$0.00	$0.00
			Total Due:	**$0.00**	**$0.00**	**$0.00**	**$0.00**

Payment History

Tax Year	Bill Number	Receipt Number	Amount Paid	Last Paid	Paid By
2018	101025	U18.11044	$15,660.00	6/22/2018	SUNRICH
2018	101025	U18.17762	$15,660.00	10/15/2018	SUNRICH
2018	101025	U18.18061	$1,355.03	10/29/2018	SUNRICH

The Clay County Auditor-Treasurer makes every effort to produce and publish the most current and accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use, or its interpretation. If you have any questions, please contact us at (218) 299-5011 or cctreasurer@co.clay.mn.us

This site is best viewed using Google Chrome, Internet Explorer 11, Mozilla Firefox or Safari.

Clay County Auditor
Treasurer

Lori J. Johnson
Clay County Auditor-Treasurer
807 11th Street North
Moorhead, MN 56560
(218) 299-5011
cctreasurer@co.clay.mn.us

Clay County Parcel Information

Parcel ID	Status	Last Update
58.417.0100	Active	1/11/2019 11:07:01 AM

Current Owner:
SUNRICH
PO BOX 128
HOPE , MN 56046-0128

Property Address:
4111 30TH AVE S
MOORHEAD MN 56560

TAG
CITY OF MOORHEAD 152 B 5801

Lender:

Legal Description
SubdivisionName MCCARAS 1ST ADD Lot 001 Block 003 SubdivisionCd 58417

Bill by Authority

Operation	Gross Tax	Credit	Net Tax
CITY OF MOORHEAD	$7,119.36	($5,389.17)	$1,730.19
CLAY COUNTY	$13,116.53	($9,928.86)	$3,187.67
MOORHEAD EDA	$379.78	($287.48)	$92.30
SCHOOL DISTRICT 152	$5,448.17	($2,020.58)	$3,427.59
STATE	$13,092.12	$0.00	$13,092.12
WATERSHED-BUFFALO	$508.23	($384.72)	$123.51
Sub Total	**$39,664.19**	**($18,010.81)**	**$21,653.38**
Special Assessment	Gross Tax	Credit	Net Tax
SP CITY OF MOOR 2017	$6,760.76	$0.00	$6,760.76
SP CLAY CO 2017	$280.00	$0.00	$280.00
Sub Total	**$7,040.76**	**$0.00**	**$7,040.76**
Debt	Gross Tax	Credit	Net Tax
CITY OF MOORHEAD	$4,928.55	($3,730.79)	$1,197.76
CLAY COUNTY	$566.58	($428.89)	$137.69
SCHOOL DISTRICT 152	$6,445.47	($4,879.06)	$1,566.41
Sub Total	**$11,940.60**	**($9,038.74)**	**$2,901.86**
Total Tax	**$58,645.55**	**($27,049.55)**	**$31,596.00**

Installments

Period	Bill Number	Due Date	Tax Year	Tax	Penalty/Fee	Interest	Total Due
INST 1	978196	5/15/2017	2017	$0.00	$0.00	$0.00	$0.00
INST 2	978196	10/16/2017	2017	$0.00	$0.00	$0.00	$0.00
			Total Due:	**$0.00**	**$0.00**	**$0.00**	**$0.00**

Payment History

Tax Year	Bill Number	Receipt Number	Amount Paid	Last Paid	Paid By
2017	978196	B17.2581	$15,798.00	11/13/2017	SUNOPTA
2017	978196	U17.9262	$15,798.00	5/15/2017	SUNOPTA

The Clay County Auditor-Treasurer makes every effort to produce and publish the most current and accurate information possible. No warranties, expressed or implied, are provided for the data herein, its use, or its interpretation. If you have any questions, please contact us at (218) 299-5011 or cctreasurer@co.clay.mn.us

This site is best viewed using Google Chrome, Internet Explorer 11, Mozilla Firefox or Safari.

Appendix D

Aerial Photographs

Subject Property
4111 30th Avenue South
Moorhead, MN

N

2015

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Subject Property
4111 30th Avenue South
Moorhead, MN

N

2013

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Subject Property
4111 30th Avenue South
Moorhead, MN

N

2008

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Subject Property
4111 30th Avenue South
Moorhead, MN

N

2003

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1998

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1991

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1984

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

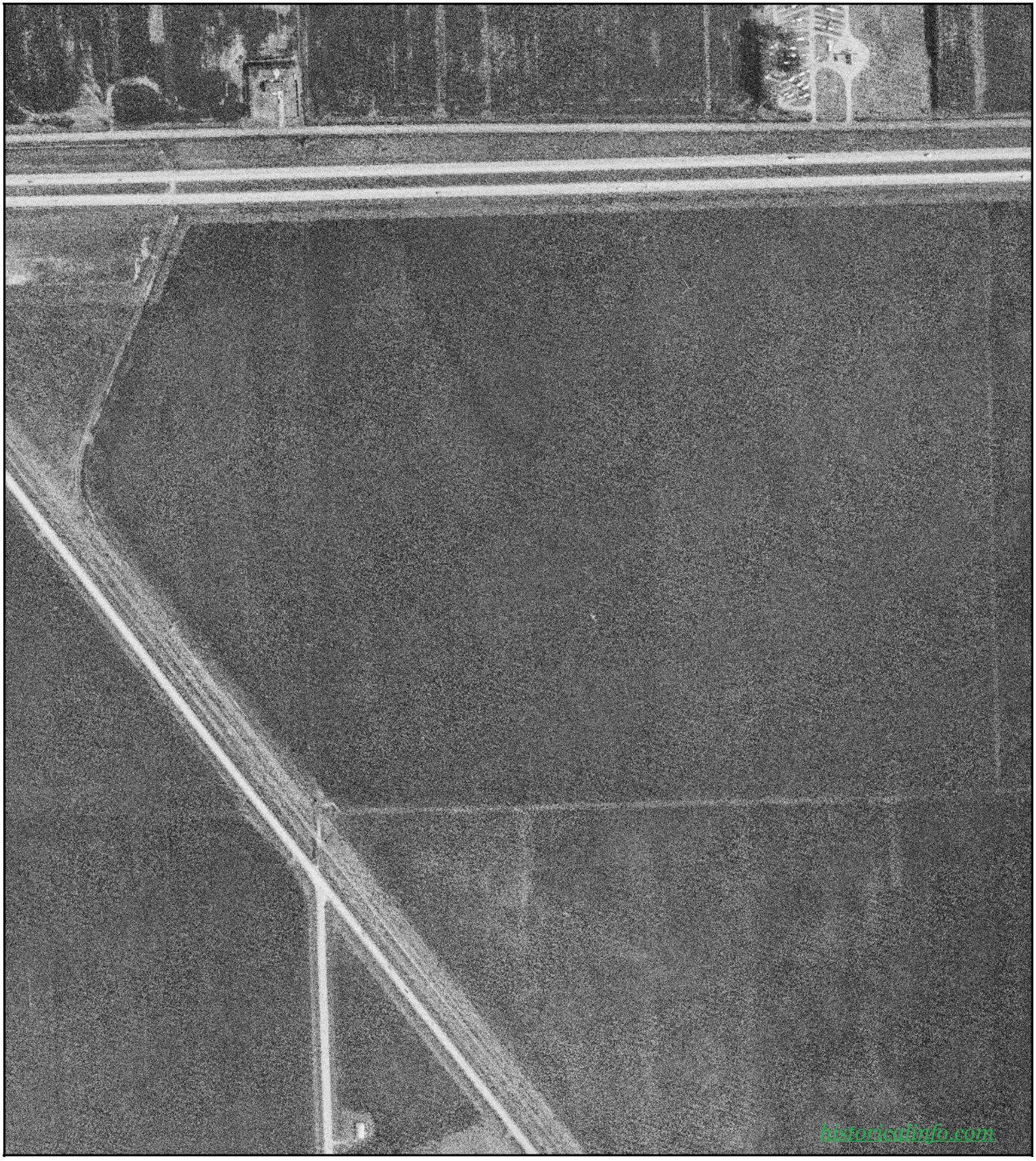
Subject Property
4111 30th Avenue South
Moorhead, MN

N

1981

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG



Subject Property
4111 30th Avenue South
Moorhead, MN

N

1976

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1972

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1965

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1962

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1954

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1952

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1948

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Subject Property
4111 30th Avenue South
Moorhead, MN

N

1939

HIG Project # 2023395
Client Project # 0658-0025
Approximate Scale 1:6000 (1"=500')

HIG

Appendix E

City Directories

Polk City Directories Now on the Internet @ www.citydirectory.com

DACOTAH PAPER CO.
"Serving the Area Since 1906"
Janitor Supplies · Restaurant Supplies · Office Papers And Supplies
(701) 281-1730
3940-15th Ave N. Box 2727, Fargo, ND 58108

30TH AVE S Cont'd

6 @ Monson Geralyn R ✓
7 Estling Sheena T ✓ [2]
7 Hoefs Neil P ✓ [5]
1634 Boe Michael H & Connie M ✓@ [22] ▲(1987)
1640 Chesley Rachel L ✓ [12] ▲(1987)
Chesley Nathan P
1646 Vadnais Randall E & Pamela K ✓ [26] ▲(1987)

+ 17TH ST S INTERSECTS
+ 18TH ST S CONTINUES
• ZIP CODE 58103 CAR-RT C052

1805 Seefeld Ross L & Darcy J ✓ [11] ▲(1982) 701-271-0217
1808 Froseth Ryan F ✓ [4]
Froseth Jennifer
1809 Kunick Janie D ✓ [11] ▲(1982)
1813 @ Triebold Bryan P ✓ ▲(1984)
@ Vanraden Amber ✓

+ 19TH ST S INTERSECTS

1901 Stanley George D ✓ [30] ▲(1982)
Stanley Cody B
1905 Johnson Debra ✓ [11] ▲(1982) 701-235-4151
1909 Spiering Terry L & Michelle R ✓ [19] ▲(1982) 701-639-2399
1913 Sannes Jerome L & Marilyn F ✓ [20] ▲(1982) 701-293-3138
2001 Bjornson James A & Doreen M ✓@ [30] ▲(1982) 701-232-3899

+ 20TH ST S INTERSECTS

2005 Schlenvogt Thomas D & Janice A ✓ @ [19] ▲(1982)
2009 Edwards William R & Le A ✓ [16] ▲(1982) 701-235-7047
2013 Johnson Brent W ✓ [30] ▲(1982)
2101 Friedt Shelley A & Brent C ✓ [21] ▲(1982)

+ 21ST ST S INTERSECTS

2105 Ellenson Justin M & Sarah ✓ [5] ▲(1982)
2109 Kopp Steve D & Cathy L ✓ [30] ▲(1982) 701-235-4650
2112 - 2114 No Current Listing (2 Hses)

+ 22ND ST S INTERSECTS

2201 CLEANING UNLIMITED INC carpet & rug cleaners ✓@ ..701-729-1784
McElroy Michael M & Kathleen M ✓ @ [28] ▲(1985) 701-293-6017
2202 No Current Listing
2204 Kinnunen Debra K ✓ [16] ▲(1996)
Kinnunen Kaarina J
2206 Stirling Patricia A ✓ [16] ▲(1996)
Stirling Eric J
2207 No Current Listing
2208 Larson Erik A & Lynette L [4] ▲(1996)
2209 Rupprecht Candice L ✓ [19] ▲(1984) 701-235-9750
2210 Tuil Karen M ✓ [16] ▲(1996)
2212 No Current Listing
2213 Janzen Glen N & Beverly A ✓@ [5] ▲(1984)
2214 Murphy Matthew L [4] ▲(1996)
2215 Poole Susan C ✓ [15] ▲(1996)
2216 Moe Kathleen J ✓ [15] ▲(1996) 701-260-1884
2218 Lefald Daniel R & Sharon A ✓ [13] ▲(1984)
2219 McDowell Darrell ✓ [2] 701-232-4494
2220 Swanson Marjorie A ✓ [17] ▲(1996)
2221 McDowell Sherrill [3]
2222 Sutliff Rhonda S ✓ [11] ▲(1996) 701-232-1770
2224 Hanson Myrna E ✓ [16] ▲(1996) 701-241-9428
2226 Belyea William D [2] ▲(1984)
2301 No Current Listing
2306 102 Normandin John A ✓ [9] 701-282-8005
103 @ Morris Guy E Jr ✓
201 @ Fairbanks Benjamin C ✓
204 Walsh Marjorie M ✓ [3]
302 Randklev Laverne P & L P @ [5]
303 Hafdahl Ashly ✓ [4]
303 Hafdahl Nathan A
304 Bohn Nicole [3]
2307 Winmill Alec C ✓ [4] ▲(1984)
2313 Varholdt Joseph A ✓@ [16] ▲(1983)
Varholdt Robin M
2314 1 Booke Duane J & Rose E ✓ [3] 701-235-0029
2 Buchholz Louise M ✓ [24]
3 @ Ewertz Nathan J & Karen A ✓
4 @ Coleman Terrell H @
5 Timms Stacey [5]
6 @ Mead Scott R ✓
6 @ Zimmerman Sherri ✓

30TH AVE S Cont'd

8 Berg Kimberly R [3]

+ 25TH ST S INTERSECTS
• ZIP CODE 58103 CAR-RT C055

2501 Capek J ✓ [5] 701-293-7292
Capek D 701-293-7292
WAYLEE INC health care instruction ✓@ 701-280-1129
102 Gokey Mary L ✓ [14] 701-235-9290
104 Messner Marilyn F ✓ [20] ▲(1982) 701-297-9132
108 @ Ingebretson Paul L & Patricia D ✓
110 Grandbois Allen D ✓ [6]
201 Samuelson Ed ✓ [6] 701-232-6052
201 Samuelson Sherry W 701-232-6052
202 Feeney Shirley M ✓@ [9] 701-232-0375
203 Spichke Carol J ✓ [19]
204 Spolum Robert N & Laura ✓ [6] ▲(1993) 701-232-1036
205 Ruhn Carrie L ✓@ [14] 701-451-0805
206 Geston Robert L & Virginia R ✓ [15] 701-476-1741
207 Johnson Irene B & Lyle G ✓@ [4]
208 Johnson Donald & Dorothy A ✓ [21] 701-293-9877
209 Markle Carolyn J & James E ✓ [11] ▲(1993) 701-232-6580
210 Hamilton Cliff S ✓@ [11] ▲(1993) 701-237-3450
301 Widmer Harris W & Arlyce J ✓ [21] ▲(1982) 701-237-6748
302 Johnson Betty J ✓ [4] 701-293-6318
303 Caufield Mardelle L ✓ [14] 701-235-3905
304 Larson Richard H & Elaine M ✓ [6] 701-232-5342
305 Mardirosian Artoosh D ✓ [4] 701-235-0264
305 Mardirosian Helga E 701-235-0264
306 Olafson Richard A & Clare M ✓ [9] 701-232-3776
307 @ Benedict Isabelle F ✓
307 Benedict Patrick
308 Kerns Roger D & Betty J ✓ [7] 701-293-5661
308 Lean Sharon ✓@ [13]

+ S BAY DR S CONTINUES
+ S BAY DR S ENDS
+ 27TH ST S INTERSECTS

2702 BETHEL CHURCH churches ✓@ 701-232-4476
PULSE OUTREACH non-profit org ✓@ 701-364-9522
2707 Gilbertson Ernest V ✓@ [17] ▲(1993) 701-271-0494
Gilbertson David E ..701-271-0494
2709 Diaz Raymundo Sr & Francine M ✓ [11] ▲(1993)
2711 Askew Russell M & Lisa L ✓ [5] ▲(1993)
2721 Dittmer Ronald A & Mariya J ✓ [21] ▲(1986) 701-235-6956
2725 @ Harris Sheila K ✓ ▲(1993)
Harris Hoadley H
2739 Pender Robert L & Chieko H ✓ [5] ▲(1995) 701-232-4309
2743 Glasner Gregory C & Cheryl W ✓ [18] ▲(1998)
2809 No Current Listing
2815 Nistler Patrick W & Brenda J ✓ [19] ▲(1999) 701-232-2773
2818 Johnson Jeffrey M & Danyel M ✓ [11] ▲(2000) 701-297-8197
2901 Sarli Ricardo N & Jo A ✓ [4] ▲(1993)
2902 Olson Dale A & Polly M ✓ [7] ▲(2000) 701-234-0564
2908 Howard John D & Joyce D ✓@ [21] ▲(2002) 701-293-0259
3003 Promersberger Eric R & Tricia D ✓ [6] ▲(2007) 701-237-5872
3004 Mengedoth Daniel L & Jackie B ✓ [12] ▲(2001) 701-297-0140
3009 @ Brumwell Melanie M ✓ ▲(1993)
@ Olson Kyle D & Melanie M ✓
3015 @ Du Renguang ✓@
@ Zhao Xiujun ✓@ ▲(1993)

+ 31ST ST S BEGINS

3101 Fagerholt Allyn O & Marian T ✓ [11] ▲(1996) 701-297-7571
@ Gunkelman Ralph ✓

30TH AVE S Cont'd

@ Halgrimson Marian T ✓
3103 No Current Listing
3105 @ Skjolten Gale M ✓ ▲(1993) 701-293-6818
Skjolten Barbara H ..701-293-6818
3115 Zespy Gary ✓ [29] ▲(1993) 701-232-0808
Zespy James G 701-232-0808

+ 32ND AVE S INTERSECTS
• ZIP CODE 58103 CAR-RT R008

3201 @ Duran Christopher ✓ ▲(1993)
@ Geiger Jessica R ✓
3202 Pechtel Willard G & Gloria A ✓ [18] ▲(1993) 701-239-7055
3203 No Current Listing
3204 Paulson Jesse J & Marion J ✓ [3] ▲(1993) 701-235-2195
3206 Bye Ida A & William E ✓ [19] ▲(1993) 701-239-5874
3208 Zander Jerome H & Shirley A ✓ [19] ▲(1993) 701-232-1869
3209 Saxerud Darlene J ✓ [18] ▲(1994) 701-239-0346
3211 Teichmann Joan V ✓ [18] ▲(1994) Teichmann Jennifer R
3217 @ Keith Marcella E ✓@ ▲(1993) Keith Marci
3219 Thompson Anthony J ✓ [2]
3220 No Current Listing
3222 Vanderplaats Darlene M ✓ [7] ▲(1994) 701-232-4898
3224 England Richard W Jr & Karen J ✓ [16] ▲(1994) 701-293-1551
3225 Felgum Bill G ✓ [17] ▲(1993) 701-280-1248
Felgum Diane M 701-280-1248
3226 Beyer Karen T ✓ [21] ▲(1994) 701-298-9015
3227 Solum Vernon E Jr & Sharon A ✓ [20] ▲(1993) 701-235-2033
3233 Jensen Don A & Ruth J ✓@ [18] ▲(1993) 701-298-3641
3235 Benson Pamela B ✓@ [7] ▲(1993) 701-639-0561
Benson Britny 701-639-0561
3240 No Current Listing
3241 Pettie Keith A & Kirsten L ✓ [8] ▲(1993) 701-293-0486
3242 Ault Delores L [19] ▲(1993)
3243 Piller Robert M [4]
3244 @ Gnadt Mary ✓ ▲(1993)
3246 Johnston Randy J & Mary A ✓@ [5] ▲(1993) 701-232-3780
3249 Nyhol Gene H & Joanne M ✓@ [5] ▲(1993) 701-232-1164
3251 Bell Brett [10]
DIGITAL DELIGHT music & live entertainment ✓@ ..701-799-0685
Voytek Joshua [3]

+ 33RD ST S INTERSECTS
• ZIP CODE 58103 CAR-RT R017

3301 Ameson Gary W & Judith E ✓ [21] ▲(1994) 701-293-3960
3302 Bergh Paul R ✓ [7] ▲(1998)
@ Timmersman Daniel D & Paula K ✓ ▲(1993)
3303 Larson Gerald M & Deanne M ✓@ [5] 701-232-2906
3304 @ McDougall Mollie
Perkins Matthew P ✓ [5] ▲(1998)
3306 Knoll Michele M ✓ [6] ▲(1997) 701-478-0479
Knoll Mitsy M 701-478-0479
3308 @ Christianson John W ✓
@ Marik Judith K ✓
3309 Koppinger Thomas W & Lolita B ✓ [11] ▲(1994) 701-297-8118
3311 @ Dale Tina ✓
Seefeld Gerard F ✓ [8]
3312 No Current Listing
3314 Worden Ashley S ✓ [2] ▲(1993)
3317 Shem Paulette L ✓@ [4] 701-235-2188
Shem Ryan 701-235-2188
3319 No Current Listing
3320 Springer Eugene P ✓ [11] ▲(1998)
Springer Patrick E
3322 Krebsbach Shawn D [5] ▲(1998)
3325 Hartmann Orpha ✓ [19] ▲(1994) 701-297-0239
3326 Bultsma Shanda @ [3]
3327 Quarve Paul L & Nancy L ✓ [17] ▲(1995) 701-280-0201
3328 Aadland Jackie A ✓ [15] ▲(1967)
Aadland Meghan
3332 Adeshina Kailee A ✓ [4]
3333 Hughes Nicolle ✓ [8]
3334 Terry Dale A ✓@ [10] ▲(1998) 701-566-5105

30TH AVE S Cont'd

Terry Kayla 701-566-5105
3335 No Current Listing
3338 Borgen Craig B ✓@ [7] ▲(1998)
Borgen Joan M
3340 Bunnell Jillian R ✓ [8]
3341 Berg Charles I & Gail M ✓ [17] ▲(1995) 701-232-8530
3343 @ Schaible Jamie ✓
3344 Murray Dorothy M ✓ [15] ▲(1967)
Murray Kristin K
3346 Powers Irene C ✓ [8] ▲(1993) 701-235-3585
3347 Mathison Mark A & Ann M ✓ [10] ▲(1998)
3349 Lang John L & Mary A ✓@ [5] ▲(1998)
3350 Horob Ruth E ✓ [12] ▲(1998)
3352 Hanson Thomas E ✓ [10] ▲(1998) 701-232-2759
Hanson Jan M 701-232-2759
3353 Salquist Tony L ✓ [4] ▲(1998)
Salquist Rachel
3355 Cose Mary J & Paul ✓ [6] ▲(1998) 701-298-6192
3401 @ Ellingson Katie R ✓ ▲(1993)
3403 Natzkeremmick Amy ✓ [2]
3409 Schumacher Brian J ✓ [16] ▲(1998) 701-298-9729
3410 Heier Verlin J & Sandra K ✓@ [18] ▲(1986) 701-271-9295
3411 Johnson Wayne A & Doris ✓ [14] ▲(1998) 701-235-0637
3412 Sauvageau Anthony J & Angela M ✓ [14] ▲(1967)
3416 Impola Alyssa ✓ [9] ..701-235-4277
Impola Victoria K 701-235-4277
3418 GO GREEN CLEANING house cleaning @ 701-730-4758
Olson Nancy D & Vance N ✓ [7] ▲(1993)
3424 Fuchs Timothy [2] ▲(1998)
Fuchs Janadee
3426 Ponik Mark A & Sharon M ✓ [14] ▲(1998)
3432 Wiecks Timothy W & Jana K ✓ [14] ▲(1998)
3434 Spicer Jodi M ✓ [15] ▲(1998) 701-232-6606
3440 Kelsch Jason M & Tracee L ✓ [14] ▲(1998)
3442 Heller George K [6] ▲(1998)
@ Krieger Ashlynn ✓

+ WHEATLAND DR S ENDS

3501 Dailey Stephani ✓ [2] 701-540-9293
@ Johnson Aaron ✓
1 Peterson Sandi L ✓ [9] 701-232-2882
2 Gurisch Tawnya L [8]
4 Gunaratne Carmel M ✓ [3]
4 Rapacz Nic [2]
4 @ Rohl Kurt ✓@
5 Johnson Jami [2]
7 Lmaly Paul L & Susan L ✓ [5]
8 @ Snyder Courtney ✓
10 @ Scholle Cynthia K ✓
13 Vorwerk Kristopher @ [3]
13 Vorwerk Mallory
14 Haabala Jennifer L [8]
14 NODAK MUTUAL INSURANCE insurance ✓@ 701-893-9000
15 Davis Lacy T ✓ [2]
18 @ Horst Miranda ✓
20 Foth Kristy [4]
21 Ohlhauser Amanda M [9]
22 Boehm Heidi ✓ [4]
22 Hillman Matthew ✓ [2]
23 @ Avelsgard Cameron ✓
24 @ Akongo Rose ✓ 701-235-0032
3502 Engels Sarah ✓ [2]
3504 @ Nixon Nicholas ✓
Nixon Angelica A
3506 @ Leishman Scott E & Kaitlin ✓
@ Treb Justin ✓
3508 No Current Listing
3510 Dittberner Michael J [2]
Dittberner Shelley M
3511 @ Stroh Amanda ✓
1 Gonzalez Lisa M [3]
2 @ Egan Paula
3 @ Hongerholt-Jr Henry
4 Schrader Lennie R & Beryl A ✓ [10]
5 @ Winter Megan ✓
6 Offner Audrey M ✓ [10] 701-232-6866
7 @ Saeter Amy J ✓
8 @ Reineke Titanie ✓

30TH AVE S Cont'd

9 @ Grant James ✓
10 Ford Sarah A ✓ [8]
14 @ Beckman Frieda ✓
14 Huber Nicole K ✓@ [3]
15 @ Abdo Zoza ✓@
15 @ Nasir Amal ✓@ 701-293-7686
16 @ Adermann Carol E ✓@
17 Reule Steven A ✓ [12]
19 Tritchler Angela M [2]
21 @ Gravalin Justin
21 Schmitz Carmen D ✓ [11]
21 Thompson Heather J ✓ [2]
22 @ Reisenauer Jordan A
22 Reisenauer Joanne
23 Grover Kristine L ✓@ [3]
23 Grover Joshua S
24 Kamp Tyson L [2]
3512 Marki Stacy L ✓ [4]
Marki Robert E
3514 @ Wandrie Lucas ✓
3520 Martell Janell ✓ [8]
3521 1 Winter Lori [2]
3 @ Nelson Eirik
4 Greenstein Cori A ✓ [3]
5 @ Hagen Cortney ✓
6 @ Beto Jarrod P ✓@
6 @ Cardiel April ✓
7 Hansen Linda ✓ [3]
7 Schumm Paul T ✓ [3]
11 Curry Judith M [5]
13 Eggiman Logan ✓ [3]
13 Kalvik Roberta H ✓ [8]
14 @ Beske Amanda ✓
16 @ Gilbert Amanda ✓@
19 @ Freborg Bryan ✓@
21 @ Godfrey Peter J ✓
23 @ Renner Eric D ✓@ 701-540-4070
23 Renner Kathryn ..701-540-4070
24 Decker Paul L & Karolyn A @ [8]
3522 No Current Listing
3524 @ Walker Joel ✓
Walker Andrea M
3526 Bartz Paul J ✓ [2]
3528 No Current Listing
3530 @ Scruggs Dan ✓
Scruggs Rena R
3531 Sanders Nicole ✓ [4] 701-540-5622
@ Toland Maggie ✓
1 @ Steele Amanda ✓
2 Janz Kimberly J [8]
4 @ Claeys Rachel L ✓
5 King Rochelle A ✓ [12]
6 Gustafson Brenda R [10]
7 Bjerke Jack L & Diane R ✓ [3]
8 @ Aalgaard Paula J ✓
10 @ Tinabassi Kristin ✓
12 @ Abdi H M ✓
12 Dullum Tracy ✓ [2]
12 Dullum Brett
13 Steele Carl J ✓ [7]
13 Steele Mandi
14 Pagan Jason ✓ [3]
14 Pagan Dawniece
15 @ Stangler Justin D ✓@
15 Stangler Kaylah
16 @ Herdegen Leah ✓
16 @ Rixen Tom ✓
17 @ Strand Christopher A ✓
18 Hatten Lesley C ✓ [3]
20 Cichos Angie M ✓ [12]
20 @ Wulfschick Alexis ✓
21 Quam Michele R ✓ [11]
21 Quam April
23 Rogers Denise L & Gregory A ✓ [4] 701-298-2471
24 Miller Evan R ✓ [5]
24 Miller Amanda K
24 @ Myers Shawn M & Amanda ✓ 701-566-7030
3532 @ Meyer Terry E & Dolly ✓ 701-237-0086
Ziesemer Hattie ✓ [4]
3534 No Current Listing

+ 41ST ST S CONTINUES
• ZIP CODE 58104 CAR-RT R017

4132 100 ANDERSON BOTTRELL SANDEN attorneys ✓@ 701-235-3300
102 Anderson Brandan A [6]
102 Anderson Alisha L
102 ANDERSON FAMILY CHIROPRACTIC chiropractors dc ✓ @ 701-241-7737
4133 100 DAKOTA CERTIFIED DEVELOPMENT real estate developers ✓@ 701-293-8892

STREET GUIDE

Get Mailing Lists, Sales Leads, and Business Credit Reports on-line and other Polk City Directories @ www.citydirectory.com

30TH AVE S Cont'd

100 Ⓓ Winterton Jennifer
101 Ⓓ Hogue Roger S
101 HOGUE VEIN INSTITUTE physicians & surgeons ✓@ 701-232-8346
102 DOUGHERTY & CO LLC associations ✓@ 701-356-9300
4152 102 ACHIEVEMENT UNLIMITED FOUNDATI federal government contractors @ 701-271-0263
102 ALEX STERN FAMILY FOUNDATION foundation ✓@ 701-237-0170
103 NORTH DAKOTA CTR FOR SLEEP clinics ✓@ ..701-356-3000
103 PRECISION DIAGNOSTIC SVC INC sleep disorders ✓@ 701-234-9667
+ 42ND ST S INTERSECTS
4255 Ⓓ Benna Dennis V & Judy A ✓
BETHANY RETIREMENT LIVING nursing & convalescent homes ✓@ 701-478-8900
Ⓓ Finch Ferne A ✓
Ⓓ Hammes Leona E & James A ✓ 701-232-5425
Ⓓ Hashbarger Phyllis N ✓
Ⓓ Howe Betty A ✓
Ⓓ Ingebretsa Elizabeth E ✓ 701-232-3064
THRIFTY WHITE DRUG pharmacies @ 701-478-8953
Ⓓ Valley Grover ✓
WELLNESS CENTER REHAB CARE wellness programs ✓@ 701-478-2498
Ⓓ Wilcox Laverne B ✓
+ CALICO DR S CONTINUES
+ CALICO DR S INTERSECTS
• ZIP CODE 58104 CAR-RT R020
4422 CALICO APARTMENTS apartments ✓@
Ⓓ Polaschek-Jr Wayne T
101 Ⓓ Schuchard Mary J ✓
102 Ⓓ Bauslaugh Timothy @
102 Baustaugh Kristin
102 Waldner Kristin E ✓ 2
103 Hanson Kayla ✓@ 2
104 Younkers Clarinda 2
107 Jacobs Tiffany A ✓ 2
109 Smith Adam 2
111 Ⓓ Lautt Sarahanne ✓
201 Ⓓ Dohm Jessica
202 Lura Chad M 2
203 Ⓓ Williamson Izaha ✓
205 Ⓓ Devine Callie M ✓
205 Ⓓ Hasbargen Gary ✓
207 Ⓓ Beets Karen A ✓
207 Beets Emily
208 Ⓓ Kosobud Heather ✓
209 Ⓓ Haakenson Brooke
211 Ecklund Nicole ✓ 2
211 Festa Derek ✓ 2
214 Ⓓ Nelson Chelsy M
302 Britton Ashley E ✓ 2
306 Ⓓ Kruger Sarah @
308 Johnson Tracey L ✓ 4
308 Johnson Leanne
309 Ⓓ Carlson Scott
4450 Ⓓ Hendrickson Aaron
Ⓓ Sessa Courtney @
101 Ⓓ Dahl Traci ✓
102 Foster Amy ✓ 3
103 Hurtt Marlee 2
106 Summerville Mark A ✓ 2
107 Ⓓ Lovstad Jamie L ✓
108 Ⓓ Anderson Nick ✓
108 Ⓓ Rux Trisha ✓
111 Olson Arlinda L ✓ 2
113 Ⓓ Stensgard Jennifer ✓
114 Ⓓ McCloud Jordyn ✓
202 Bryngelson Joshua S 3
204 Ⓓ Platz Dustin J ✓
204 Platz Cristin
206 Thomas Sheila M ✓ 3
207 Ⓓ Roberts Ashley ✓
208 Ⓓ Campbell Cheyene W ✓
209 Nelson Brittany A ✓ 2
301 Brunsvold Mallory ✓ 3
301 Brunsvold David L
301 Petersen Mallory ✓ 3
302 Ⓓ Thilmony Colin M ✓
304 Ⓓ Wagar Sarah ✓
305 Baker Eloise M ✓ 2
305 Ⓓ Howes Lee ✓
307 IDEA BENDERS photography ✓ @ 701-730-6073
310 Ⓓ Wentland Brian
312 Ⓓ Johnson Laura
313 Waggoner Jaid C 2
314 Ⓓ Berthold Bradly R ✓
+ 45TH ST S INTERSECTS
+ BRANDT DR S INTERSECTS
4820 SUITE 171 WEBSITE DESIGN website design serv ✓@ 701-478-5955

30TH AVE S Cont'd

100 AFEWGOODAGENTS.COM financial advisory serv ✓@ 701-356-3233
100 COUNTRY FINANCIAL financial advisory serv ✓@ 701-356-0505
102 BABY BLOOMERS baby accessories @ 701-356-1299
201 PROFESSIONAL ADVANTAGE computer software ✓ @ 701-235-2363
+ BRANDT DR S INTERSECTS
+ 49TH ST S CONTINUES
+ RAILROAD CROSSES
+ 49TH ST S CONTINUES
+ 51ST ST S INTERSECTS
+ 28TH AVE S INTERSECTS
+ 55TH ST S INTERSECTS
BUSINESSES 30 HOUSEHOLDS 427

30TH AVE S (GLYNDON)-FROM 2999 142ND ST S EAST
• ZIP CODE 56547 CAR-RT R084
14205 Ⓓ David Laduke ✓
La Duke D ✓ 54 ⌂(2000) 218-498-2960
La Lorri ✓ 4 218-498-2960
14224 Schulz Timothy J & Jeanette I ✓ 54 ⌂(2003) 218-498-2573
14237 Finseth Jarrod K & Shelley ✓ 3 ⌂(1973)
14242 Cin Ludean M & June E ✓ 29 ⌂(1977) 218-498-0250
14279 Ⓓ Hermann James J & Debra L ✓ ⌂(1973)
+ 143RD ST S ENDS
HOUSEHOLDS 7

30TH AVE S (MOORHEAD)-FROM 2981 5TH ST S
• ZIP CODE 56560 CAR-RT C004
515 Edwards David ✓ 4 ..218-477-0586
3 Christensen Edie ✓ 5 218-287-2691
11 Trom Amy @ 3
11 Trom Michael R
14 Kasim Sarbast ✓ 3
14 Kasim Jihan
22 Ⓓ Anderson Gary ✓ 218-287-2185
23 Ⓓ Hutson Glorianna
515 1/2 5 Ⓓ Cordova Andrew ✓
7 Ⓓ Steward Jennifer
17 Ⓓ Flores Lori L ✓
21 Ⓓ Smith David ✓
525 Ⓓ Ramirez Michael ✓ 218-287-2797
1 Malmskog Vondell J ✓ 19
11 Olsberg Grace E 11
14 Zurn Clara B ✓ 54 218-233-3274
15 Ⓓ Alvarez Anna ✓
22 Ⓓ Baumann Rachelle ✓
23 Askegaard Denise M ✓ 9 218-233-3193
24 Gilbert Billy R ✓ 4
525 1/2 4 Ⓓ Nyhus Tiffany ✓
6 Byrd Gail J ✓ 15
7 Booke Tasha 2
8 Miranda Maria E 6
17 Ⓓ Heden Virginia G ✓
19 Cowie Pearl ✓ 2
19 Cowie Kristina
20 Brandon Darlene J 13
600 ALTEL-ALTERNATIVE TELECOM telephone equip & sys-serv/rpr ✓@ 218-233-3320
AMERIC INN hotels & motels ✓@ 218-287-7100
COURTNEY'S COMEDY CLUB comedy clubs ✓@ ..218-287-7100
GIO'S PIZZERIA restaurants ✓@
PC HOTELS LLC hotels & motels ✓ @ 218-233-6171
Ⓓ Pollock Tom ✓
625 SNAP DRAGON restaurants ✓@ 218-287-8412
700 WALGREENS pharmacies ✓@ 218-331-2668
725 ORTON'S grocers-retail ✓@ 218-236-7742
• ZIP CODE 56560 CAR-RT C016
800 BANK OF THE WEST banks ✓@ 218-236-6592
802 DAIRY QUEEN ice cream parlors ✓ @ 218-512-2222
804 SARPINO'S PIZZERIA pizza ✓@ 218-477-1777
805 BRIDGEVIEW LIQUORS liquors-retail ✓@ 218-477-6162
A ATOMIC COFFEE coffee & tea ✓@ 218-477-6161
C SUBWAY restaurants ✓@ 218-422-9037
808 O'LEARY'S PUB bars ✓@ 218-287-1957

30TH AVE S Cont'd

810 SYDNEY'S HEALTH MARKET health & diet foods-retail ✓@ 218-233-3310
814 SNAP FITNESS health clubs studios/gymnasium ✓@ 218-233-7627
819 F M RENTALS rental agencies ✓@ 218-477-7368
JBA TAX PREPARATION tax return preparation/filing ✓@ 218-477-8181
100 TICKEL CHIROPRACTIC chiropractors dc ✓@ 218-284-3030
101 BUILDING GURUS home builders ✓@ 218-477-1976
101 CAMI SAGVOLD AGENCY INC insurance ✓@ 218-233-9252
102 TRI STATE FINANCIAL SVC real estate loans ✓@ 218-284-9090
103 ABSOLUTE MARKETING GROUP advertising ✓@ 218-284-1111
104 BALANCE YOUR BOOKS acctng & bkpg genl serv ✓@ 218-299-2090
104 O'Meara Tom E ✓ 8
200 MOEN ENGINEERING engineers ✓@ 218-236-6319
201 RE VI VE SALON beauty salons ✓@ 218-477-8483
203 Thomsen Christopher 4
205 TELESTART call centers ✓@ 218-477-1129
206 CENTER-NATURAL HEALING ARTS physicians- naturopathic ✓@ 218-477-1972
207 KURDISH YOUTH OF AMERICA social serv & welfare org ✓@ 218-477-1157
822 CVS PHARMACY pharmacies ✓@ 218-236-0807
824 LOOPY'S DOLLAR STORE retail shops ✓@ 218-287-9052
828 DESIGNS ON EIGHTH int decrtrs design/consultants ✓@ 218-287-0491
JUST ASK RENTAL hardware-retail ✓@ 218-287-0491
TRUE VALUE HOME HARDWARE hardware-retail ✓ 218-287-0491
925 MARCUS SAFARI CINEMA theatres-movie ✓@ 701-461-8902
1001 SPEAK EASY RESTAURANT restaurants ✓@ 218-233-1326
1015 RED RIVER VALLEY ACADEMY child care serv ✓@ ..218-287-0415
1111 SALEM EVANGELICAL FREE CHURCH churches ✓ 218-359-0700
Thee Greg 3
1313 MUSCATELL AUTOMOTIVE auto dlrs-used cars ✓ 218-477-7000
Offutt Ronald 19 ⌂(1984)
WARD MUSCATELL PRE-OWNED SUPER auto dlrs-used cars ✓ 218-477-7700
1416 WARD MUSCATELL COLLISION CTR auto body- rpr & painting ✓@ 218-233-1575
1500 A FRANKE & ASSOC INC tax return preparation/filing ✓@ 218-233-5105
C EDWARD JONES financial advisory serv ✓@ 218-233-0726
D ONEMAIN FINANCIAL real estate loans ✓@ 218-287-4739
1505 KADRMAS LEE & JACKSON engineers- consulting ✓@ 218-287-0300
1506 OMNI ENGINEERING engineers ✓ @ 218-512-1100
VALESCO MORTGAGE real estate loans ✓ 218-512-3004
B COLDWELL BANKER real estate ✓@ 218-236-0567
B COUNTRY FINANCIAL insurance ✓@ 218-233-8595
1550 Harvey Jeffrey C ✓ 10
HARVEY ORTHODONTICS dentists ✓@ 218-236-1322
1587 AUDIO VIDEO EXTREMES audio-visual consultants ✓@ 218-359-2160
JDP AUTOMATION INC automation sys & equip-mfrs ✓@ 218-287-1012
1602 MORLOCK CHIROPRACTIC CTR chiropractors dc ✓@ 218-233-4402
Morlock Gregg 20
1606 Ⓓ Williams Timothy ✓
A DETAILS SALON beauty salons ✓ 218-233-8735
C COMBINED INSURANCE insurance ✓@ 218-227-0306

30TH AVE S Cont'd

C MOYNIHAN PETER social workers ✓@
C SALON CENTRIC beauty salons-equip/supl ✓@ 218-287-2277
1610 CARDINAL HEALTH pharmaceutical products-whol ✓@ 218-233-2294
1615 CLAY SOIL & WATER CONSERVATION soil conservation serv ✓ 218-287-2255
US CONSOLIDATED FARM SVC AGCY federal government ✓@ 218-233-7773
1616 FAMILY DENTISTRY OF MOORHEAD dentists ✓@ 218-233-4267
• ZIP CODE 56560 CAR-RT C022
1702 AMERICAN FAMILY INSURANCE insurance ✓@ 218-227-0321
GREG BERG AGENCY INC insurance ✓@ 218-233-8937
STOP-N-GO serv stations- gasoline & oil ✓@ 218-236-4826
1730 JOHNSON & JOHNSON INSURANCE insurance ✓@ 218-233-1411
Johnson Gregory A ✓ 8
+ 18TH ST S CONTINUES
1800 Oppegard Paul R 9
OPPEGARD WOLF & QUINTON attorneys ✓@ 218-233-8105
1902 GOESON & GOESON accountants ✓@ 218-233-7565
1904 PRAIRIE NATUROPATHIC DOCTORS physicians-naturopathic ✓@ 218-284-1188
1908 ROTH FAMILY CHIROPRACTIC chiropractors dc ✓@ 218-233-2517
Roth Jason D & Stacey A ✓@ 17
+ 20TH ST S INTERSECTS
+ RAILROAD CROSSES
+ VILLAGE GREEN BLVD INTERSECTS
+ VILLAGE GREEN BLVD INTERSECTS
+ RAILROAD CROSSES
• ZIP CODE 56560 CAR-RT R005
4050 PIONEER HI-BRED INTL INC laboratories ✓@ 218-299-8610
4100 RES CO electric equip/supl-whol ✓ @ 218-233-1596
RURAL ELECTRIC SUPPLY CO-OP electric equip/supl-whol ✓@ 218-233-9573
4108 NORANDEX BUILDING MATERIALS plastics & plastic products ✓@ 218-287-1018
4111 EARTHWISE PROCESORS LLC seed & grain cleaning ✓@ 218-287-5510
SUNOPTA PROCESSORS seed & grain cleaning ✓@ ..320-762-9700
4141 PRINSCO drain-tile ✓@ 218-227-5358
+ 41 1/2 ST S ENDS
+ 42ND ST S BEGINS
4205 D & M INDUSTRIES millwork ✓@ 218-287-3100
4225 UNISHIPPERS mailing & shipping serv ✓@ 218-233-2686
BUSINESSES 79 HOUSEHOLDS 36

30TH AVE W (WEST FARGO)
• ZIP CODE 58078 CAR-RT R004
907 Ⓓ Ayebo Abraham ✓ 701-532-0627
Ayebo Salomey 701-532-0627
911 Ⓓ Andersen Harlan L ✓ ⌂(1990) 701-532-0636
Ⓓ Christopherson Denise M ✓ ⌂(1990)
Ⓓ Harlan Andersen ✓
928 Ⓓ Spiker Sean ✓
932 Ⓓ Melldeo Kristin ✓
1027 Ⓓ Buteyn Brian P ✓ ⌂(1990)
1331 Ⓓ Heinle Dustin J ✓
HOUSEHOLDS 8

30TH ST N (FARGO)-FROM 3001 7 1/2 AVE N NORTH
• ZIP CODE 58102 CAR-RT C075
713 3 John Andrew S ✓@ 5
3 Stjohn Mauna ✓@ 3
717 Ⓓ Eagle Kelly ✓ 701-235-0249
Ⓓ Soldier Marge ✓ 701-232-1616
1 Bunn Mervin ✓ 2
721 3 Ⓓ Torres Rafael
3 Torres Wanda
725 Allmaras James ✓@ 2
Allmaras Dianna
726 Avard Matthew M ✓ 4 ⌂(1975)
Avard Amanda M
727 No Current Listing
729 Bush Thomas L ✓ 11 ⌂(1976)
Bush Angela J
730 Nitschke Melvin S & Sharon K ✓ 36 ⌂(1975) 701-293-5263
801 Peterson Michael A & Donna M ✓@ 28 ⌂(1976)

30TH ST N Cont'd

802 Battabler Cameron L ✓ 2 ⌂(1975) 701-566-7237
805 Anhorn Timothy J ✓ 20 ⌂(1976) 701-235-3222
Anhorn Orvis D 701-235-3222
806 O'Neil Kevin M & Teresa M ✓@ 2 ⌂(1975)
809 Staub Kevin A & Joann M ✓@ 11 ⌂(1976) 701-232-5409
810 Fode George D & Rebecca J ✓@ 56 ⌂(1976) 701-293-6491
813 Palmer Boyd L & Doris A ✓ 25 ⌂(1975)
814 Ⓓ Coleman Sean ✓
Lacher Gerald C & Georgianna R ✓ @ 29 ⌂(1976) 701-293-5975
817 Ⓓ Loe Daniel P ✓ ⌂(1975)
Loe Katherine
818 Smedshammer Marlin P 14 ⌂(1975)
820 Ⓓ Gange Deanna ✓
901 Ⓓ Cole Sandford ✓
Sandford Kathy A ✓@ 21 ⌂(1976)
Sandford Cole M
902 Hirchert Randal C & Wanda M ✓ 23 ⌂(1974) 701-232-5584
905 Meyer Jesse A & Corrine L ✓ 5 ⌂(1973)
906 Lybeck Debbra A @ 2
908 No Current Listing
916 Schuler Peter B & Beth N ✓ 4 ⌂(1959)
917 Covell Phillip L ✓ 40 ⌂(1959) 701-232-4166
+ 10TH AVE N INTERSECTS
+ 71ST AVE N INTERSECTS
+ 29TH ST N INTERSECTS
HOUSEHOLDS 31

30TH ST N (GEORGETOWN)
• ZIP CODE 56546 CAR-RT R001
14967 Nelson Ryan L & Stacy J ✓ 4 ⌂(1971) 218-287-1398
14969 Dullea Daniel F ✓@ 39 ⌂(1971)
Dullea Sheila
15894 No Current Listing
17817 Martinez Jesse ✓ 6 ⌂(1971) 218-494-3773
Ziegler Robert L ✓@ 54 ⌂(1980) 218-494-3773
Ziegler Connie L 218-494-3773
18307 Derkey Dennis E & Lilian D ✓ 9 ⌂(1925) 218-494-3453
19041 Dalen Andrew ✓@ 44 ⌂(1946) 218-494-3669
Dalen Julie M 218-494-3669
20230 Loe Jeffrey A & Cheryl M ✓ 51 ⌂(1976)
HOUSEHOLDS 8

30TH ST N (MOORHEAD)
• ZIP CODE 56560 CAR-RT C012
215 VOGEL C NICHOLAS attorneys ✓@ 218-236-6462
VOGEL LAW FIRM attorneys ✓@ 218-236-6462
Wagner Erliss ✓ 6
303 AMERICAN LEGION veterans' & military org ✓@ 218-233-1297
310 Tang Gina V ✓ 11 ⌂(1978) 218-287-5956
312 Strandquist Evelyn R ✓ 11 ⌂(1978) 218-287-0548
Strandquist Diane 218-287-0548
314 Saetre Homer A ✓ 4 ⌂(1978) 218-477-0619
Saetre Ivy 218-477-0619
316 Mandt Corrine E ✓ 3 ⌂(1978) 218-233-5166
Mandt Elaine C 218-233-5166
318 Johnson Donald B ✓ 5 ⌂(1978)
Johnson Catherine
320 Brommenschenkel Richard A ✓ 7 ⌂(1978)
322 Ⓓ Hunkler Francis A ✓
324 Bamum Donald A & Evonne M ✓ 5 ⌂(1978) 218-287-5677
326 Severson Ardis E ✓ 10 ⌂(1978) 218-287-3817
328 Bartz Romona D ✓ 6 ⌂(1978) 218-287-4563
330 Nicholsen Gene R ✓ 6 ⌂(1978) 218-287-5145
Nicholsen Kristine K ..218-287-5145
Young Carol A ✓ 5 ⌂(1978)
332 Christensen Alan E & Sharon A ✓ 2 ⌂(1978) 218-303-0076
334 Hiller Ronald E & Linda L ✓@ 5 ⌂(1978) 218-227-5201
336 Kappes Helen A ✓ 4 ⌂(1978)
338 Hollis Pamela J ✓ 5 ⌂(1978)
Hollis Bryan C
340 Nelson Oscar A & Grace E ✓ 5 ⌂(1978) 218-233-6920
342 Smith Jack B ✓ 7 ⌂(1978) 218-287-1553
Smith May A 218-287-1553

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30TH AVE S Cont'd

3246 Drouilhet Sidney J II [14] ♠
3249 Ⓝ Nyhof Gene H & Joanne M 701-232-1164
3251 Coles Patrick R [6] 701-298-7860
DIGITAL DELIGHT music & live entertainment 701-799-0685
+ 33RD ST S INTERSECTS
• ZIP CODE 58103 CAR-RT R017
3301 Arneson Gary W [17] ♠ 701-293-3960
3302 Bergh Paul R [3] ♠
Bergh Kendra
3303 Ⓝ Larson Gerald M & Deanne M 701-232-2906
3304 - 3308 No Current Listing (3 Hses)
3309 Koppinger Thomas W & Lolita B [7] ♠ 701-297-8118
3311 - 3312 No Current Listing (2 Hses)
3314 Dockter Debbie L [15] ♠
3317 Ⓝ Ostafin Brian D
3319 Keric Osman [2]
3320 Springer Eugene P [7] ♠ 701-237-6634
Springer Patrick E 701-237-6634
3322 No Current Listing
3325 Hartmann Orpha [15] ♠ 701-297-0239
3326 No Current Listing
3327 Quarve Paul L & Nancy L [13] ♠ 701-280-0201
3328 Tennyson Jackie A [5] ♠ 701-298-6084
Tennyson Shawn M 701-298-6084
3332 Ⓝ Adeshina Adeboye M
Wessels Jennifer M [7]
3333 Aukland Richard T [13] ♠ 701-280-9060
Aukland Nicolle 701-280-9060
3334 Terry Dale A [6] ♠ 701-297-7609
3335 Ⓝ Bryl Casey T
3338 No Current Listing
3340 Bunnell Jillian R [4]
3341 Berg Charles I & Gail M [13] ♠ 701-232-8530
3343 Heaford Michelle M [3]
3344 Murray Dorothy M [11] ♠ 701-293-5883
Murray Kristin K 701-293-5883
3346 Ⓝ Upham Paul
3347 Mathison Ann M [6] ♠ 701-298-8194
Mathison Marjorie J 701-298-8194
3349 Ⓝ Lang John L
3350 Horob Ruth E [4] ♠ 701-277-5013
3352 Ⓝ Hanson Thomas E & Jeanette M ♠ 701-232-2759
3353 No Current Listing
3355 Cose Mary J [2] 701-298-6192
3401 Thorp Jonathan A [11] ♠
3403 Natzke Remmick Amy J [17] ♠ 701-293-5081
3409 Schumacher Brian J [12] ♠ 701-298-9729
3410 Heier Verlin J & Sandra K [14] ♠ 701-271-9295
3411 Johnson Wayne A [10] ♠ 701-235-0637
3412 Sauvageau Anthony J [10] ♠
3416 Impola Ron & Victoria K [5] ♠ 701-232-2209
3418 Olson Vance N [3] ♠
3424 Ⓝ Englestad Janadee M
3426 Ponik Mark A & Sharon M [10] ♠ 701-293-8664
3432 Wiecks Jana K & Timothy W [10] ♠ 701-271-6946
3434 Spicer Jodi M [11] ♠ 701-232-6606
3440 Kelsch Jason M & Tracee L [10] ♠ 701-293-7049
3442 Ⓝ Pfau Richard A & Becky K
+ WHEATLAND DR S ENDS
3501 Ⓝ Loy Chris 701-540-5503
Pfeifer Leroy [2] 701-235-5557
VALLEY RENTAL SVC rental agencies 701-293-7368
1 Peterson Sandi L [5] 701-232-2882
1 Peterson Jody T 701-232-2882
2 Gunsch Tawnya L [4]
3 Shafer Bradford S [2]
8 Ⓝ Schotzko Paul 701-540-5121
10 Ⓝ Okins Sheila
12 Stewart Chip W [2]
3502 No Current Listing
3504 Ⓝ Wanzek Derek J
Wanzek Angie L
3506 Ⓝ Baker Larry D Jr & Jill M
3508 Kittelson Rodney C & Carolyn A [4] ♠ 701-293-8649
3510 Ⓝ Duerre Rachel
3511 2 Andersen Rachel M [12]
3 Stebbins Charles D [14] 701-298-3702
5 Liljequist Lita M [3]
6 Offner Audrey M [6] 701-232-6866
7 Ⓝ Rode Rhonda
8 Alley Shelby D [9]
11 Ⓝ Thomas Jay E
12 Okland Darin [2]
14 Ⓝ Rahn Joshua J
14 Rahn Sandi
20 Creech Ashley N [10]
24 Ⓝ Wolff Natalie
3512 Ⓝ Marki Robert E
Marki Stacy
SATELLITE CENTRAL satellite equip & sys-retail ..701-373-3474
3514 No Current Listing
3520 Ⓝ Mathson Scott J
3521 Ⓝ Moilan Mike A
2 Ⓝ Schadler Lisa
4 Ⓝ Stevens Morgan M
4 Ⓝ Whittaker Rachell N
6 Ⓝ Hoggarth Patricia A
7 Olson Jolynn L [3]
10 Ⓝ McCartney Sarah
12 Ⓝ Stuhaug Kailee J
3522 Albrecht William C [4]
3524 Ⓝ Briceno Danielle
Ⓝ Woodfall Ryan M
Ⓝ Wynn Carter
3526 Ⓝ Bergman Keely V
3528 - 3530 No Current Listing (2 Hses)
3531 Ⓝ Smith Sara 701-237-2207
Smith Kelsey 701-237-2207

30TH AVE S Cont'd

1 Ⓝ Moen Armand
1 Moen Cyndy
2 Dueis A [7] 701-235-2899
2 Dueis Christine M 701-235-2899
4 Baer Jared J [3]
4 Baer Heather
6 Gustafuson Brenda R [6] 701-232-9428
8 Ⓝ Richter John E
8 Ziesemer Hattie [2]
11 Kava Paula S [10] 701-451-0097
13 Goodwin Mandi [2]
13 Steele Cari J [5]
14 Haskins Dwayne A & Nicola M [11]
16 Benedict Lyle H [4]
16 Benedict David S
18 Ⓝ Nelson Nicole
21 Quam Michele R [7] 701-232-9247
3532 Ⓝ Anderson Alisha M 701-232-3602
3534 No Current Listing
• ZIP CODE 58104 CAR-RT R024
4132 No Current Listing
100 ANDERSON BOTTRELL SANDEN attorneys
100 THOMPSON GREGORY L attorneys
101 SOUTH POINT PSYCHOLOGY psychologists 701-298-7878
102 ANDERSON FAMILY CHIROPRACTIC chiropractors dc 701-241-7737
4133 100 DAKOTA CERTIFIED DEVELOPMENT associations 701-293-8892
4152 No Current Listing
102 DAKOTA MEDICAL *FOUNDATION* associations 701-271-0263
103 HAJAL RIZAN A MD physicians & surgeons ..701-234-9667
103 NORTH DAKOTA CTR FOR SLEEP physicians & surgeons 701-356-3000
103 PDS INC psychologists 701-234-9667
103 SLEEP EASY THERAPEUTICS home health & health care 701-364-0589
4165 TAKE CARE HEALTH SYSTEMS health serv 701-492-4573
100 JAY BARTLEY INSURANCE insurance 701-281-5215
BUSINESSES 22 **HOUSEHOLDS 298**

30TH AVE S (GLYNDON)-FROM 2999 142ND ST S EAST
• ZIP CODE 56547 CAR-RT R002
14205 Laduke Lorrie M & David P [50] ♠ 218-498-2960
14224 Schulz Timothy J & Jeanette I [50] ♠ 218-498-2573
14237 Strom Andrew P & Suzanne [8] ♠
14242 Cin Ludean M & June E [25] ♠ 218-498-0250
14279 Segovia Leo R [15] ♠ 218-498-0537
+ 143RD ST S ENDS
HOUSEHOLDS 5

30TH AVE S (MOORHEAD)-FROM 2381 5TH ST S
• ZIP CODE 56560 CAR-RT C020
515 Ⓝ Christensen Edie 218-287-0222
Ⓝ Rausch Teresa 218-287-5943
Ⓝ Robinson Margaret 218-477-0229
1 Leonard Tracie A [3] 218-303-4850
1 Leonard Debra 218-303-4850
16 Emanuel Kurt [4] 218-233-0339
23 Becic Izudin [6] 218-287-0242
515 1/2 Ⓝ Hampton Stevie 218-287-6543
Lee Doris [2] 218-477-0469
5 Geiszler Raney C [13] 218-233-0294
6 Wernke Melissa [4]
7 Williams Angela J [7]
525 1 Malmskog Vondell J [15] 218-291-0941
12 Seward Dawn M [15] 218-233-2188
13 Hauter Phyllis M [18] 218-287-2577
14 Zurn Clara B & Christopher L [50] 218-233-3274
22 Ⓝ Barrows Troy A
22 Nelson Chad [17] 218-287-1024
22 Nelson Angelique A 218-287-1024
23 Askegaard Denise M [5] 218-233-3193
525 1/2 6 Byrd Gail J [11]
7 Ⓝ Heuer Brittany
7 Ⓝ Nevala Kerena
8 Miranda Maria E [2]
16 Harmon Lydia A [12] 218-233-4327
21 Bailes Richard L [5] 218-233-4613
• ZIP CODE 56560 CAR-RT C004
600 AMERIC INN hotels & motels 218-287-7100
COURTNEY'S COMEDY CLUB comedy clubs 218-287-7100
GIO'S AMERICAN GRILL & PIZZA pizza 218-233-2883
MULLIGANS RESTAURANT & SPORTS restaurants 218-287-7100
625 SNAP DRAGON restaurants 218-287-8412
720 BUD'S BP AMOCO & SVC CTR auto rpr & serv 218-236-6336
Cossette Gary L [9] ♠
725 ORTON'S convenience stores 218-236-7742
800 BANK OF THE WEST banks 218-236-6591
805 ATOMIC COFFEE coffee & tea 218-477-6161
BRIDGEVIEW LIQUOR'S liquors-retail 218-477-6162
SUBWAY restaurants 218-422-9037
808 O'LEARY'S PUB bars 218-287-1957
814 SNAP FITNESS health clubs studios/gymnasium 218-233-7627
819 ABSOLUTE MARKETING GROUP advertising 218-284-1111
LET'S GET ROLLING DRIVING driving instruction ..218-477-1122
LUMA SALES ASSOC lighting fixtures- whol 218-287-9364
TICKEL CHIROPRACTIC chiropractors dc 218-284-3030
VSI nonclassified establishments 218-284-3050
102 CHANNELS OF HEALTH massage therapists ..701-793-2142
102 Midthune Nicholas J [3]
105 KORDEL INC furniture-dlrs- retail 218-236-8518
200 AFFORDABLE LIFE & HEALTH insurance 218-284-8000
200 Hyde Dennis R [2]
200 INVESTMENT CENTERS OF AMERICA financial planning consultants 218-284-0426

30TH AVE S Cont'd

200 PARAGON DEVELOPMENT LLC real estate developers 218-284-0429
200 PLAINS CONSTRUCTION genl contractors 218-284-0424
200 PREMIER MASONRY masonry contractors 218-284-1277
200 Skatvold Andy [3] 218-284-0426
201 REVIVE SALON beauty salons 218-477-8483
201 Ⓝ Salon Judy K
202 PEER ENGINEERING INC business mgmt consultants 218-477-6060
205 MOORHEAD YOUTH SOCCER soccer clubs ..218-233-6139
206 CARTER RUFF MASSAGE THERAPY massage therapists 701-306-1796
206 CENTER-NATURAL HEALING ARTS physicians- naturopathic 218-477-1972
822 CVS PHARMACY pharmacies 218-236-0807
824 LOOPY'S DOLLAR STORE retail shops 218-287-9052
828 TRUE VALUE HARDWARE hardware-retail 218-287-0491
925 SAFARI 7 theatres-movie 218-236-5240
1001 SPEAK EASY RESTAURANT & LOUNGE restaurants 218-233-1326
1015 RED RIVER VALLEY ACADEMY child care serv ..218-287-0415
1111 ASSEMBLIES OF GOD EVANGEL churches 218-233-3875
NEW PERSPECTIVES marriage & family counselors 701-261-7428
RIVER VALLEY CHURCH churches 218-233-3875
1313 MUSCATELL KIA SUPERCTR auto dlrs-new cars 218-477-7000
WARD MUSCATELL PRE-OWNED SUPER auto dlrs-used cars 218-477-7700
1416 WARD MUSCATELL COLLISION CTR auto body- rpr & painting 218-233-1575
1500 Ⓝ Bolstad Jason T
CITI FINANCIAL financing 218-287-4739
A FRANKE & ASSOC INC tax return preparation/filing 218-233-5105
B MIDWEST COMMUNITY RESIDENTIAL social serv & welfare org 218-287-5422
C EDWARD JONES financial advisory serv 218-233-0726
1505 KADRMAS LEE & JACKSON engineers- consulting 218-287-0300
1506 Ⓝ Richards Kelly J
A Ⓝ Holding Kelly R
B COLDWELL BANKER real estate 218-236-0567
B COLDWELL BANKER-FIRST REALTY real estate 218-236-0567
B COUNTRY INSURANCE insurance 218-233-8595
1550 DANEL JEREMIAH DDS dentists 218-236-1322
HARVEY JEFFREY C DDS dentists 218-236-1322
1587 INVIE CONSULTING automation sys & equip-mfrs 218-287-1012
1602 MIDTHUNE NICHOLAS DC chiropractors dc 218-233-4402
MORLOCK CHIROPRACTIC CTR chiropractors dc 218-233-4402
Morlock Gregg [16]
1606 MARSHALL SALON SVC beauty salons- equip/supl 218-287-2277
A DETAILS SALON beauty salons 218-233-8735
C SOLUTIONS BEHAVIORAL psychologists 218-287-4338
1610 CARDINAL HEALTH pharmaceutical products-whol 218-233-2294
1615 CLAY SOIL & WATER CONSERVATION soil conservation serv 218-287-2255
US CONSOLIDATED FARM SVC AGCY federal government 218-233-7773
1616 FAMILY DENTISTRY OF MOORHEAD dentists 218-233-4267
Mathison Christopher M [9]
1702 AMERICAN FAMILY INSURANCE insurance 218-227-0321
GREG BERG AGENCY INC insurance 218-233-8937
STOP N GO serv stations- gasoline & oil 218-236-4826
1730 JOHNSON & JOHNSON INSURANCE insurance ..218-233-1411
+ 18TH ST S CONTINUES
1800 OPPEGARD WOLF & QUINTON attorneys 218-233-8105
1902 GOESON & GOESON accountants 218-233-7565
1904 PLANNED PARENTHOOD clinics 218-236-7145
1906 ROTH CHIROPRACTIC chiropractors dc 218-233-2517
+ 20TH ST S INTERSECTS
+ RAILROAD CROSSES
+ 22ND ST S BEGINS
+ VILLAGE GREEN BLVD INTERSECTS
+ VILLAGE GREEN BLVD INTERSECTS
+ RAILROAD CROSSES
• ZIP CODE 56560 CAR-RT R005
4050 PIONEER HI-BRED INTL INC laboratories 218-299-8610
4100 RES CO electric equip/supl-whol 218-233-1596
RURAL ELECTRIC SUPPLY COOP electric equip/supl-whol 218-233-9573
4108 NORANDEX DISTRIBUTION INC plastics & plastic products 218-287-1018
4111 SUNOPTA seed & grain cleaning 218-287-5510
4141 UNITED STRUCTURAL COMPONENTS trusses ..218-236-4838
+ 41 1/2 ST S ENDS
+ 42ND ST S BEGINS
4205 D & M INDUSTRIES millwork 218-287-3100
4225 UNISHIPPERS ASSOCIATION INC delivery serv ..218-233-2686
BUSINESSES 78 **HOUSEHOLDS 34**

30TH ST N (FARGO)-FROM 3001 7 1/2 AVE N NORTH
• ZIP CODE 58102 CAR-RT C075
713 Sellers Lawrence W Jr [10] 701-235-7803
717 Ⓝ Soldier Christina
Ⓝ Tiger Darren J
Tiger Christina
721 Ⓝ Beaulieu Michael 701-298-7705
6 Koppang Rodney C [2] 701-235-4084
725 Ⓝ Gunderson Jennifer
Ⓝ Kenyon Jennifer M
726 No Current Listing
727 Demault Grace [3] 701-232-3535

STREET GUIDE

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30TH AVE S Cont'd

810 BACK TO BASICS CTR-CHILDREN child care serv 218-227-0303
819 CENTER OF NATRL HEALING ARTS arts org & info 218-477-1972
MIDTHUNE CHIROPRACTIC PA chiropractors dc ..218-284-3030
Ⓓ Midthune Nicholas J
MORTGAGE & INVESTMENT CONSLNT real estate loans 218-284-4646
NATURAL HEALING MASSAGE massage therapists 218-284-4263
PARAGON DEVELOPMENT LLC real estate developers 218-284-0429
REVIVE SALON beauty salons 218-477-8483
104 TAXMAN tax return preparation/filing 218-359-3300
200 INVESTMENT CENTERS OF AMERICA financial planning consultants 218-284-0426
200 MOEN ENGINEERING engineers- structural 218-236-6319
822 OSCO DRUG pharmacies 218-236-0807
+ 9TH ST S INTERSECTS
925 SAFARI 7 theatres-movie 701-461-8902
1001 SPEAK EASY RESTAURANT restaurants 218-233-1326
+ 11TH ST S INTERSECTS
1111 RIVER VALLEY CHURCH churches 218-233-3875
1313 Drew Melissa K [6]
LUTHER SELLAND MOTORS auto dlrs-new cars ..218-236-8600
+ 14TH ST S INTERSECTS
+ 15TH ST S INTERSECTS
1500 CITI FINANCIAL financing 218-287-4739
MIDWEST COMMUNITY RESIDENTIAL social serv & welfare org 218-287-5422
A KADRMAS LEE & JACKSON INC engineers- consulting 218-287-0300
C EDWARD JONES CO investment securities 218-233-0726
1506 CLAY SOIL & WATER CONSERVATION soil conservation serv 218-287-2255
1550 Harvey Jeffrey C [3] 218-236-1322
HARVEY JEFFREY C DDS dentists 218-236-1322
+ 16TH ST S INTERSECTS
1602 MORLOCK CHIROPRACTIC CTR chiropractors dc 218-233-4402
1606 DETAILS SALON beauty salons 218-233-8735
MARSHALL SALON SVC beauty salons- equip/supl 218-287-2277
C SOLUTIONS BEHAVIORAL HLTHCR marriage & family counselors 218-287-4338
1610 CARDINAL HEALTH pharmacies 218-233-2294
1616 Christianson Wayne [17] 218-233-4267
FAMILY DENTISTRY OF MOORHEAD dentists 218-233-4267
Mathison Christopher M [6] 218-233-4267
+ 17TH ST S INTERSECTS
1702 GREG BERG INSURANCE INC insurance 218-233-8937
STOP N GO convenience stores 218-236-4826
1730 JOHNSON & JOHNSON INSURANCE insurance ..218-233-1411
+ 18TH ST S INTERSECTS
1800 Lewis Barbara [2] 218-233-8105
SMITH BAKKE OPPEGARD PORSBORG attorneys 218-233-8105
1902 GOESON & GOESON accountants 218-233-7565
1904 PLANNED PARENTHOOD clinics 218-236-7145
1906 ROTH CHIROPRACTIC CLINIC chiropractors dc ..218-233-2517
+ 20TH ST S INTERSECTS
+ RAILROAD CROSSES
+ 22ND ST S INTERSECTS
+ VILLAGE GREEN BLVD INTERSECTS
• ZIP CODE 56560 CAR-RT R005
4050 PIONEER HI BRED INTL INC nonclassified establishments 218-299-8610
4100 RURAL ELECTRIC SUPPLY CO-OP wire & cable- electric 218-233-1596
4108 NORANDEX INC plastics & plastic products 218-287-1018
4111 EARTHWISE PROCESSORS LLC seed & grain cleaning 218-287-5510
4141 UNITED STRUCTURAL COMPONENTS trusses ..218-236-4838
BUSINESSES 49 **HOUSEHOLDS 37**

30TH ST N (FARGO)-FROM 3001 7 1/2 AVE N NORTH
• ZIP CODE 58102 CAR-RT C075
713 Ⓓ Kenyon Paula 701-478-0457
Ⓓ Soldier Richard W 701-478-1225
2 Sellers Lawrence W Jr [7] 701-235-7803
717 Whirlwindsoldier Marge [2] 701-478-4421
721 Sim Dave R [14]
3 Ⓓ Waterbury Ross C
5 Ⓓ McKee Kimberly
725 Dumont Mandy [2] 701-293-6437
726 No Current Listing
727 Denault Grace K [6] 701-478-0665
729 No Current Listing
730 Nitschke Melvin S [29]▲ 701-293-5263
Nitschke Andrew M 701-293-5263
801 Peterson Donna M & Micheal A [21]▲ 701-237-3528
802 Tvedten Christian M [2]▲
805 Anhorn Timothy J [13]▲ 701-235-3222
806 Larsen Craig B [19]▲
Otto Terry L [10]▲ 701-235-1643
809 Ⓓ Staub Kevin A & Joann M▲ 701-232-5409
810 Fode George D [29]▲ 701-293-6491
813 Palmer Boyd L & Doris A [18]▲ 701-293-0807
814 Lacher Georgianna R & Gerald C [22]▲ 701-293-5975
817 Conley Larry J & Sharon M [12]▲ 701-241-4642

30TH ST N Cont'd

818 Amsbary Jonathan [14]
Busching David H [5]
Smedshammer Marlin P [7]▲
820 Even Roger A [14]
901 Sandford Kathy A & Ronald J [14]▲ 701-232-2864
902 Hirchert Randal C & Wanda M [16]▲ 701-232-5584
905 Ⓓ Ganja Kevin▲
906 Ⓓ Chesley Larry▲
Chesley Rachel
908 No Current Listing
916 Smith Gary L [11]▲ 701-235-4988
917 Covell Phillip L [33]▲ 701-232-4166
+ 10TH AVE N INTERSECTS
HOUSEHOLDS 33

30TH ST N (GEORGETOWN)
• ZIP CODE 56546 CAR-RT R001
14969 Dullea Daniel F & Kathleen A [32]▲ 218-233-4232
15894 Lee David J & Gloria C [27]▲ 218-494-3609
17817 Ziegler Robert L & Shirley C [35]▲ 218-494-3773
18307 Ⓓ Derkey Dennis & Lilian D▲ 218-494-3453
19041 Dalen Eugene D [37]▲ 218-494-3669
Dalen Julie M 218-494-3669
20230 Loe Josephine K [6]▲ 218-861-6579
Loe Kaye J 218-861-6579
HOUSEHOLDS 6

30TH ST N (MOORHEAD)-FROM 3001 120TH AVE N
+ CENTER AVE W CONTINUES
• ZIP CODE 56560 CAR-RT C012
215 VOGEL LAW FIRM attorneys 218-236-6462
+ 2ND AVE N INTERSECTS
+ 30 ST N INTERSECTS
303 AMERICAN LEGION veterans & military org 218-233-1297
310 Tang Gina V [2]▲ 218-287-5956
312 Strandquist Ervin L & Evelyn R [2]▲ 218-287-0548
320 Ⓓ Brommenschenkel Richard A 218-287-4891
326 Ⓓ Severson Ardis E & Milton S 218-287-3817
332 Ⓓ Nelson Casper R & Betty L 218-233-4079
342 Ⓓ Smith Jack B 218-287-1553
Smith May A 218-287-1553
344 Zimmerman Herbert S & Hilda E [2] 218-287-8177
352 Ⓓ Whaley Janet A & Edwin J▲ 218-233-6526
354 Quiggle Larry J & Carolyn J [12]▲ 218-287-5907
356 Kalkowski Larry E & Ruth L [3] 218-287-5410
Ⓓ Lee-Kalkowsk Ruth E
358 Beckett Phyllis A [2] 218-236-0930
360 Hartman Vivian C & Rickie M [2]▲ 218-236-1985
400 Burns Deloris E [2]▲
Burns Bradley H
402 Shelver Patsy E [2]▲
404 Ⓓ Olson James E 218-287-5994
Olson Mary C 218-287-5994
418 No Current Listing
420 Ⓓ Holland Marc A
424 Rutter George S & Mary A [3] 218-287-4350
430 Ⓓ Beaton John E & Mary A
432 No Current Listing
434 Ellison Carlton J & Leota A [12]▲ 218-236-9937
436 Robideau Karen V & William L [5]▲ 218-287-1005
438 Peterson Gloria F [5]▲ 218-233-3478
Peterson David M 218-233-3478
440 Norgren Ken [2]▲ 218-236-1392
442 Ⓓ Berg Clayton & Helen M 218-287-4963
444 Amundson Alfred E & Clarice E [3]▲ 218-233-3338
446 Christensen Dannie L & Linda [2]▲ 218-233-4548
448 No Current Listing
450 Halverson Wallace A & Diane R [10]▲ 218-284-1240
• ZIP CODE 56560 CAR-RT R001
489 Kjelland Lisa R & Randall R [14]▲ 218-236-0987
490 JEHOVAH'S WITNESSES-MOORHEAD churches ..218-287-4200
PRESIDING OVSR MOORHEAD churches 218-233-2315
503 Zolondek Francis L & Lisa B [3]▲ 218-236-1150
509 Jacobson John B & Tara L [2]▲ 218-287-1660
515 Bohmer Daniel F [2]▲
Bohmer Susan L
521 Miller Bonnie L & Gregory L [14]▲ 218-287-1380
527 Krabbenhoft Jon I & Melissa L [9]▲
603 Stelter Blair J [3]▲ 218-287-5995
Stelter Kari 218-287-5995
609 Fournier Scott & Nicole [2]▲ 218-359-0399
615 Murray Kevin M [3]▲ 218-287-2834
621 Olek John M Jr [3]▲ 218-287-1474
Olek Sarah G 218-287-1474
+ 100TH AVE N CONTINUES
+ 110TH AVE N INTERSECTS
11070 Grinde John D [3]▲ 218-233-4301
11293 Brendemuhl Diane C & Wayne W [18]▲ 218-236-5501
11749 Brendemuhl Keith A [31]▲ 218-233-9254
12038 Tufton Malcolm S [43]▲ 218-233-4366
Tufton Randall M 218-233-4366
12503 Cuddihy Richard M [5]▲ 218-233-5652
GLASSWORKS STUDIO glass-blowers 218-233-5652
BUSINESSES 5 **HOUSEHOLDS 45**

30TH ST S (FARGO)-FROM 2911 35 1/2 AVE S
• ZIP CODE 58104 CAR-RT R012
3510 Stoenescu Florin M [9]▲ 701-235-2257
3511 No Current Listing
3518 Sprenger Craig R & Lisa M [10]▲

30TH ST S Cont'd

3519 Pressley Fred L & Sharon T [3]▲ 701-293-7106
3526 Dablow Chris R & Jennifer C [5]▲ 701-281-2502
3527 Eid Jason R [9]▲ 701-297-0806
Eid Kristie 701-297-0806
3534 Blumhardt Kevin G & Rachel [4] 701-282-0945
3535 Curfman Jefry L & Tammy J [14]▲ 701-293-8351
3542 Matte Jerry L [5]▲
Matte Kimberly J
3543 Marts Georgia R & Michael L [11]▲ 701-237-5641
3550 - 3551 No Current Listing (2 Hses)
HOUSEHOLDS 12

30TH ST S (MOORHEAD)-FROM 3001 15TH AVE S SOUTHEAST
• ZIP CODE 56560 CAR-RT C001
801 Dickelman Fredrick J & Peggy A [12]▲ 218-287-3989
820 Gilbertson Jonathan D [6]▲ 218-233-5501
Gilbertson Jayne 218-233-5501
821 - 841 No Current Listing (3 Hses)
860 Mjoen Dustin A & Laurie [5]▲ 218-233-7952
861 Brewster Kim E [4]▲ 218-233-6227
Brewster Jacob M 218-233-6227
881 Laske Linda D [4]▲ 218-236-8322
Laske Ron J 218-236-8322
891 Morrone Annarose M [10] 218-236-8271
901 Smedstad David A [14]▲ 218-233-9275
920 No Current Listing
921 Zaffke Warren A & Bette A [6]▲ 218-233-5417
941 Ⓓ Amundson Lynn E▲ 218-287-0534
Amundson Suzanne F 218-287-0534
1000 JONES AG SVC agricultural consultants 218-233-6573
Jones John M [2]▲
1001 Michlovic Michael G [7]▲ 218-233-1462
1021 Nelson Bruce A & Carol J [11]▲ 218-236-0914
+ 16TH AVE S INTERSECTS
1101 No Current Listing
1103 Hanson Harold J [8]▲ 218-287-3758
+ 11TH AVE S CONTINUES
+ 17TH AVE S INTERSECTS
+ 29TH STREET CIR S BEGINS
+ RIDGEWOOD BLVD INTERSECTS
+ 12TH AVE S INTERSECTS
• ZIP CODE 56560 CAR-RT C017
2800 Mason Daniel J [12]▲
Sannes Scott H & Amy L [13]▲ 218-287-2410
2803 Ⓓ Peterson Jon & Jana▲ 218-287-5590
2804 Goehring Danny R [4]▲ 218-236-6060
2807 Rustad Lori R & Timothy S [6]▲ 218-236-7801
2808 Sundby Arden A & Joanne C [18]▲ 218-236-1808
2811 Simmons Kathleen E [19]▲ 218-236-0611
Simmons Shane L 218-236-0611
2812 Vance Donna M [2]▲ 218-233-0008
2816 Haugen Linda A & Richard N [14]▲ 218-236-8650
2819 Miller Winfield D & Peggy A [26]▲ 218-233-7182
2820 Borgen John W Jr & Kelly R [17]▲ 218-233-4757
2823 Gronwold Gregory D & Christa J [7]▲ 218-236-4852
2824 Engeseth Joan A & Rodney J [16]▲ 218-233-5429
2827 - 2828 No Current Listing (2 Hses)
2901 Stromme Wayne W & Denise R [17]▲ 218-236-9160
2902 Murphy Ann F & Daniel B [10]▲ 218-287-1287
2905 Desotelle Janene M [10]▲
2906 Medford Janis C & Morgan T [14]▲ 218-284-0134
2909 Nelson Duane S & Valri A [14]▲ 218-287-2787
2910 Johnson Earl R & Lois M [16]▲ 218-233-3627
2913 Hagberg David S & Dorothy [5]▲ 218-287-0410
Kochis David E [17]▲
Kochis Christine L
2914 Ferrie Paul F Jr [15]▲ 218-236-7262
Ferrie Katherine J 218-236-7262
BUSINESSES 1 **HOUSEHOLDS 42**

30TH ST SE (ABSARAKA)
• ZIP CODE 58002 CAR-RT H001
14751 Discher Ronna L [6] 701-896-3434
Discher Larry E 701-896-3434
HOUSEHOLDS 1

30TH ST SE (AMENIA)
+ 150TH AVE SE CONTINUES
+ 151ST AVE SE ENDS
+ 153RD AVE SE ENDS

30TH ST SE (ARGUSVILLE)-FROM 7599 COUNTY ROAD 31

30TH ST SE (AYR)
+ 145TH AVE SE ENDS
+ 145TH AVE SE INTERSECTS
+ 146TH AVE SE INTERSECTS
+ 146TH AVE SE INTERSECTS
+ 147TH AVE SE CONTINUES
+ 148TH AVE SE INTERSECTS

30TH ST SE (BUFFALO)-FROM 3001 140TH AVE SE EAST
+ 135TH AVE SE CONTINUES
+ 136TH AVE SE INTERSECTS
+ 136TH AVE SE INTERSECTS
+ 137TH AVE SE INTERSECTS
• ZIP CODE 58011 CAR-RT R001
13717 Pierce Todd G & Daria K [12]▲ 701-633-5276
+ COUNTY ROAD 32 INTERSECTS
+ 139TH AVE SE CONTINUES

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30TH AVE S

Gowin A N 293-0885
Gramer J 298-3995
Grann Gary E 232-6247
Grann Arlene H 232-6247
Hannon Janet S 297-7510
Jeffries Richard N .. 239-0043
Johnson Donald & Dorothy
..... 293-9877
Malmberg Marvin M 234-9548
McCormicke John L
..... 451-0061
Mohr A L 293-1224
Nagala Rupvani ... 280-2960
Ruhn C 451-0805
Schatz Danny D
..... 234-1894
Wimbush John ... 476-0000
201 Jettries Richard N
302 Not Verified
304 Maimberg Marv
+S BAY DR BEGINS
+27TH ST S INTERSECTS
2707 Not Verified
2709 Grettum Carol A
..... 237-4777
2711 Not Verified
2721 Dittmer Ronald A & Marlys
..... 297-0385
2725 Clapp Edwin G & Geraldine
..... 237-5117
2739 Foss Robert R
..... 293-3974
Foss Carmen M 293-3974
2743 Glasner Gregory C
..... 298-8146
Glasner Cheryl S ... 298-8146
2809 Tharaldson Gary D
Tharaldson Connie F
2901 Narum Richard J & Cheryl
..... 237-3234
3009 Carlson Rex R
..... 298-8842
Carlson Bonnie M .. 298-8842
3015 Richard Paul F & Maryjo
..... 235-3385
3033 Not Verified
3101 Gunkelman R F 237-5405
3105 Olson Ronald M & Lynda
..... 237-5445
3115 Zespy James G 232-0808
+32ND ST S INTERSECTS

- ZIP CODE 58103 CAR-RT R008

3201 Falconer Keith G & Marlene
..... 298-6749
3202-3203 Not Verified (2 Hses)
3204 Franke Echo J 298-8279
3206 Bye Ida A 239-5874
3208 Kain Ralph 237-6356
3209 Saxerud Kenneth J & Darlene
..... 239-0346
3211 Not Verified
3217 MARY KAY COSMETICS
INDPNDNT SLS DIRECTORS
SCHWAN 235-0284
Schwan Jerry P & Geri
..... 235-0284
3219 Erickson Dana S
..... 237-3390
Erickson Sara J 237-3390
3220 Rittgarn Larry F
..... 293-1272
3222 Sussex Robert E & Arlene
..... 298-7918
3224 England Richard W Jr
..... 293-1551
England Karen J 293-1551
Garner Kristen 235-4924
Graner Kristen 235-4924
Graner Leah M 235-4924
Porter Karen J
3225 Feigum William G
..... 280-1248
Feigum Janette K .. 280-1248
3226 Beyer Karen T
..... 298-9015
Beyer Steven P 298-9015
3227 Solum Vernon E Jr
..... 235-2033
3233 Jensen Don A & Ruth
..... 298-3641
3235 Ballard Justin B
..... 232-4666
3240 Kraft Nicole M
..... 235-2643
3241 Bruce Robert
..... 239-4647
3242 Ault Aidon 241-4305
3243 Tuominen Marilyn J & Fred
..... 232-6202
3244 Ridgway Ruthann B
..... 237-3412
3246 Dreuilhet Sidney J
..... 280-2849
3249 Disher Don W & Shirley
..... 237-4247
3251 Thompson Vera L
..... 237-3392
+33RD ST S INTERSECTS
3301 Arneson Judy E
..... 293-3960
Arneson Vivian E ... 293-3960
3302 Swanson Steven J
..... 239-9127
Swanson Debra F .. 239-9127
3303 Babcock Kimberly A
Rogers Walter D 235-1640
3306 Johnson Dorothy M
..... 235-4709
3308 Carter Jason R
..... 293-4818
Winter Michelle L
3309 Schardin Deanna M
..... 235-9814
Schardin Stuart A .. 235-9814
S K E PARTNERSHIP
investors 235-9814
3311 Bollingberg Steve .. 280-9308
3312 Nelson Jeffery D 241-9704
Nelson Avis A 241-9704
3314 Dockter Tim & Debra
..... 271-9173
3317 Trisco Clyde A
..... 298-3765

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3320 Leiseth Justin A
Leiseth Julie L
3322 Lee Margo J 297-0884
3325 Hartmann O 297-0239
3327 Quarve Nancy L & Paul
..... 280-0201
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..... 236-0202
3328 Aadland Jaqueline A
..... 293-9706
3332-3333 Not Verified (2 Hses)
3334 Holten Dianne M & Steven
..... 280-9172
3335 Not Verified
3338 Renier Lisa L 297-0595
3340 Mewes Michael A
..... 237-6929
Mewes Melissa M ... 237-6929
3341 Berg Gail M & Charles
..... 232-8530
3343 Larkin Jason T
..... 239-7033
Larkin Kristi L 239-7033
3344 Murray Dorothy M
..... 293-5883
Murray Kristin K ... 293-5883
3346 Vetsch Todd J 271-0291
Vetsch Janna R 271-0291
3347 Holmes Valerie A
..... 241-4630
3349 Humphrey Scott T
..... 297-0985
Humphrey Joycelyn 297-0985
3350 Hillesland Steven R & Karen
..... 237-0276
3352 Doeden Dennis E
..... 280-1659
Doeden Susan R ... 280-1659
DYNAMIC DIRECTIONS busn
training serv 280-1659
3353 Hughes Mark B
..... 235-6782
Hughes Janell M 235-6782
3355 McKinlay Amy L
..... 232-0887
McKinlay Matthew L 232-0887
+WHEATLAND DR ENDS

- ZIP CODE 58103 CAR-RT R017

3401 Helmick Christopher L
Thorp Jonathan A
..... 271-6923
3403 Natzke Amy J 293-5081
3409 Schumacher Brian J
..... 298-9729
3410 Heier Sandra K & Verlin
..... 271-9295
3411 Johnson Wayne A
..... 235-0637
Johnson Doris 235-0637
3412 Sauvageau Anthony J
..... 232-3367
Sauvageau Angela M
..... 232-3367
3416 Orvik Gilbert M
Orvik Victoria K
3418 Johnson Timothy A
..... 293-5348
Johnson Bunnie R .. 293-5348
3423 Not Verified
3424 Schettler Michael E
..... 234-9814
3426 Ponik Mark A & Sharon
..... 293-8664
3432 Swenson Jana K 271-6946
Wiecks Timothy W
3434 Masset Timothy G
Masset Tammy L
Spicer Jodi M 232-6606
3440 Kelsch Tracee L
..... 293-7049
3442 Magnusson Tory 293-3814
Magnusson Donald P
..... 293-3814
3501 Erstad Jodi L 298-3884
Kensok Dennis A
..... 232-4762
Kensok Geri F 232-4762
Rohl Kurt 297-0190
Rohl Cindy 297-0190
1 Kouba David J 277-4390
1 Kouba Julie M 277-4390
2 Bodvig Travis R 476-1868
3 Not Verified
7 Kummeth Robert L
8 Gutzmer Adam R
..... 298-8275
9-10 Not Verified (2 Apts)
11 Hartshorn Nichole L
12 Riley Kristina B
14 Vetter Stephanie K
..... 232-4793
21 Quam Jennifer K
22 Trebil Joey W
22 Trebil Jennifer C
23 Cleem Jarred F
..... 239-0340
3502 Danielski Adam M
3510 Calhoun Cedric L
Calhoun Annie E
Riebhoff Jacqueline G
3511 Swennes Kenneth J & Judy
2 Stasch Maria 239-8065
2 Stasch Alfred J 239-8065
4 Lee Jason R
4 Lee Kimberly A
5 Dahl Dean S
5 Dahl Rachel M
6 Hook Jacob L
7 Not Verified
8 Wandlick Robert M
9 Nelson Tom
10 Not Verified
11 Ulrich Becky J
..... 282-0286
11 Ulrich Cameron L
..... 282-0286
12 Not Verified
13 Stensos James M

30TH AVE S

13 Stensos Jason J
14 Not Verified
15 Fischer Delvin D & Rochelle
16 Pastian Ross W
17 Keeping Michael J II
..... 235-4967
18 Erickson Crystal R
18 Not Verified
19 Falk Kristin
19 Maher Travis J
20 Hanson Kevin
20 Roehl Joel S
22 Reinke Troy A
22 Reinke Elizabeth D
23 Creech Patricia C
..... 235-7607
23 Creech Judy 235-7607
23 Finck Elton G
..... 237-0094
24 Neumiller Tara L
3520 Not Verified
3521 Alleckson Suzanne 297-8144
1 Madsen Jason
2 Roberts Donavan L
3 Burchill Tricia M
5 Not Verified
7 Ackerman Shirley C
7 Ackerman Kenneth J
8 Kalil Chad D
8 Kalil David
9 Oconitrillo Jorge A
10 Schmidt Michael
13 Hintz Christopher E
13 Valnes Michele
14 Florhaug Leah L
16 Stevenson Nikki J
17 Not Verified
24 Hardy Kristi
3531 Cox April 232-5621
Haring Kevin A 232-5621
Mastel Rod 235-4955
Pekmic Jasminko 280-9981
Pekmic Emina 280-9981
Weets Marty D .. 280-2395
Jonsen Gary L
5 Visness Kristopher A
6 Dusek Jeffrey J
6 West Brenda J
7 Vincent Donna M
11 Not Verified
14 Haskins Dwayne A
..... 237-9099
14 Haskins Nikki 237-9099
18 Meyer Nancy M
19 Remmen Roger D
..... 237-9367
19 Remmen Jane L 237-9367
20 Heitkamp Veronica L
22 Liedholdt Mary B
..... 277-8846
24 Not Verified
3534 Halling Don 298-3859
BUSINESSES 11 HOUSEHOLDS 316

30TH AVE S (GLYNDON)-

- ZIP CODE 56547 CAR-RT R002

14205 Laduke David P & Lorrie
14224 Not Verified
14237 Olson Andrew C
14242 Cin Lu M 498-0250
Cin Timothy D 498-0250
HOUSEHOLDS 4

30TH AVE S (MOORHEAD)-FROM 2981 5TH ST S EAST

- ZIP CODE 56560 CAR-RT C020

515 De'Shawn Jackie 236-8963
Deshawn Jackie L
..... 236-8963
Honer Mara 291-0847
Isola Joni 236-8552
Jarzyna Teal 236-8552
Olson Bradley W
..... 233-3048
Olson Lynn G 233-3048
Poitra Darrell F 287-4930
Poitra Brenda A 287-4930
Stolt Barbara 233-2958
2-12 Not Verified (3 Apts)
15 Burkle Delynn R
..... 287-1072
24 Sabir Judy M
515½ Johnson Jay C 233-9698
5 Not Verified
7 Tweten Brian G
7 Tweten Carrie J
8-17 Not Verified (2 Apts)
18 Lagrave Corinne K
19 Not Verified
20 Ambuehl Beverly M
523 Olson Troy 287-6122
525 Edlund Leonard 233-1111
Edlund Frances L ... 233-1111
Erickson J 233-8541
FERGUS ENTERPRISES apts
..... 236-6823
Hauter P 287-2577
Kahn Laura 291-0225
Olson Gordon M 233-8824
Olson Troy 236-7474
Sheiman Jason 236-7474
Stine Rhoda 236-7523
Stine Cheryl 236-7523
3 Roadfeldt Alicia M
11 Lemke Jeffrey R
11 Lemke Amy F
12 Seward Dawn M

30TH AVE S (M)

15 Skunberg Troy D
22-23 Not Verified (2 Apts)
525½ Salverson B K 287-2177
Schlotfeldt Brian 236-8341
Sutton Rhoda 236-7523
5 Not Verified
6 Allmon Ryan
6 Allmon Kathryn A
8 Moore Joseph G
..... 233-5841
16 Not Verified
19 John Mary T 233-1258
20 Not Verified
21 Menge Sharon J

- ZIP CODE 56560 CAR-RT C004

600 BEST WESTERN RED RIVER INN LLP inns 233-6171
COURTNEY'S CAFE
..... 233-6171
625 VILLAGE INN PANCAKE HOUSE eating places
..... 233-1329
720 BUD'S AMOCO & SERVICE CENTER truck stops
..... 236-6336
725 ORTON MOTORS gas serv sta
..... 236-7742

+8TH ST S INTERSECTS

808 AMERICAN RED CROSS THE community dev grps
..... 233-8040
RED CROSS 233-8040
814 Sandstrom Jerome R
..... 233-1609
SANDSTROM CHIROPRACTIC CLINIC 233-1609
816 GOLDEN PHEONIX RESTAURANT 236-7089
819 HARDEE'S FAMILY RESTAURANT 236-6604
HARDEES RESTAURANT 1233046 236-6604
820 CASE N BOTTLE LIQUORS liquor stores 236-0971
822 AMERICAN DRUG STORES INCORPORATED drug stores
..... 236-0800
824 NASH-FINCH COMPANY gro store 236-0001

+9TH ST S INTERSECTS

1001 SPEAK EASY RESTAURANT & LOUNGE eating places
..... 233-1326
1015 Q J M AUTO SALES & LEASING autos new used
..... 236-5916
T L C WATER TREATMENT
..... 287-1418
TREND SETTER'S CUSTOM UPHOLSTERY
..... 287-4399

+11TH ST S INTERSECTS

1111 ASSEMBLIES OF GOD EVANGEL 233-3875
EVANGEL TEMPLE ASSEMBLIES OF GOD religious orgn 233-3875
1313 Dick Julie
Dick Danny
SELLAND MOTORS
..... 236-7820
SELLAND PONTIAC GMC autos new used
..... 236-8600

+14TH ST S INTERSECTS

1416 HAROLD'S CAR CLEAN
..... 233-1351
T L R top'body repr'paint sh
..... 233-1351

+15TH ST S ENDS

1602 MORLOCK CHIROPRACTIC OFFICE chiro 233-4402
1606 AMERICAN BUSINESS FORMS stationery'ofc sup
..... 233-2701
Depree Dusty 233-2701
MARSHALL SALON SERVICES 287-2277
Prody Monte 236-0177
SOLUTIONS BEHAVIORAL HEALTHCARE PROFESSIONALS
..... 287-4338
A DETAILS SALON beauty shops 233-8735
1610 SYNCOR 233-2294
SYNCOR INTERNATIONAL drug stores 233-2294
1616 CHRISTIANSON WAYNE
..... 233-4267
FAMILY DENTISTRY OF MOORHEAD dentist
..... 233-4267

+17TH ST S INTERSECTS

1702 AMERICAN FAMILY INSURANCE 233-8937
BERG GREG 233-8937
HAUGEN MASONRY CONTRACTORS
..... 233-3776
S-N-GO STORES grocery stores 236-4826
STOP-N-GO FOODS
..... 236-4826
1730 JOHNSON & JOHNSON INSURANCE AGENCY ins agts brokers'serv ... 233-1411
JOHNSON AND JOHNSON INSURANCE 233-1411

+18TH ST S INTERSECTS

1902 GOESON AND GOESON PA
..... 233-7565
GOESON BART J .. 233-7565
GOESON GRAHAM J
..... 233-7565
1904 PLANNED PARENTHOOD OF MINNESOTA 236-7145
PLANNED PARENTHOOD OF MINNESOTA fam plannng clinc 236-7145

30TH AVE S

1906 ROTH CHIROPRACTIC
..... 233-2517
ROTH JASON phys 233-2517
ROTH STACEY phys
..... 233-2517

+20TH ST S INTERSECTS
+RAILROAD CROSSES
+22ND STREET CHARING CROSS S BEGINS
+VILLAGE GREEN BLVD BEGINS
+RAILROAD CROSSES

- ZIP CODE 56560 CAR-RT R002

4100 R E S COMPANY .. 233-1596
RESCO 233-1596
RURAL ELECRIC SUPPLY COOPERATIVE
..... 233-9573
RURAL ELECTRIC SUPPLY COOPERATIVE elec sup
..... 233-1596
4108 NORANDEX 236-6446
4111 BUSCH AGRICULTURAL RESOURCES 247-6103

+42ND ST S INTERSECTS

BUSINESSES 55 HOUSEHOLDS 50

30TH AVE SW (FARGO)-

- ZIP CODE 58103 CAR-RT C055

2702 BETHEL EVANGELICAL FREE CHURCH ch temples shrines
..... 232-4476
BUSINESSES 1

30TH ST N (FARGO)-FROM 3001 7 1/2 AVE N NORTH

- ZIP CODE 58102 CAR-RT C075

713 Eidem Shannon 271-0415
10 Johnson Darrin K
2 Furst Amanda M
4 Not Verified
717 Pederson Jonathan .. 476-0504
2 Not Verified
4 Peterson Harold M
..... 297-6842
4 Peterson Jonathan N
..... 297-6842
5 Not Verified
721 Mahler Bruce 280-1546
1-5 Not Verified (3 Apts)
725 Pederson Larry A & Amy
..... 298-0994
726 Oye Ronald J 232-6627
Oye Jerry 232-6627
727 Brogren Jason 298-3279
729 Stefan Jason F
730 Nitschke Melvin S & Sharon
..... 293-5263
801 Peterson Michael A & Donna
..... 237-3528
802 Schnabel Timothy J & Julie
..... 234-0643
805 Anhorn Timothy J 235-3222
Anhorn Orvis D 235-3222
806 Not Verified
809 Schmitz Douglas G & Rebekah
..... 232-0251
810 Fode George D
..... 293-6491
Fode Rebecca J 293-6491
813 Palmer Boyd L & Doris
..... 293-0807
814 BALLET MESSIAH ... 476-0460
817 Conley Larry J & Sharon
..... 241-4642
818 Smedshammer Marlin P
..... 271-0593
820 Not Verified
901 Sandford Ronald J & Kathy
..... 232-2864
902 Hirchert Randal C
..... 232-5584
Hirchert Wanda M .. 232-5584
905 Auka Stacy E 271-6903
Auka Daniel C 271-6903
906 Nordwall Emily 271-8926
908 Berglund Virgil 239-4332
Crompton Holly A
McGinty Amanda A
916 Smith Darlene R
..... 235-4988
917 Covell Phillip L
..... 232-4166

+10TH AVE N INTERSECTS

BUSINESSES 1 HOUSEHOLDS 36

30TH ST N (GEORGETOWN)-

- ZIP CODE 56545 CAR-RT R001

14963 Donahue Eileen S
Donahue Charles J
14967 Donahue Shannon M
..... 233-1689
15894 Lee David J
Lee Magdalen A
17817 Ziegler Robert
Ziegler Shirley C 494-3773
18307 Ziegler Chris L
HOUSEHOLDS 5

30TH ST N (MOORHEAD)-FROM 1487 CENTER AVE W NORTH

- ZIP CODE 56560 CAR-RT C012

215 Campbell Craig R 236-6462
GOODNO KEVIN P 236-6462
GRINNELL PAUL E 236-6462
GUNHUS GRINNELL KLINGER SWENSON & GUY atty 236-6462
GUY WILLIAM L III 236-6462
Hammes Gregory R
..... 236-6462
Johnson-Drenth Susan
..... 236-6462
JOHNSON-DRENTH SUSAN
..... 236-6462

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S 30TH AV (MHD) cont'd

822 OSCO DRUG 236-0600
824 SUNMART gro 236-0001
+ 9TH ST S INTERSECTS
925 SAFARI SEVEN THEATERS 236-5252
1001 SPEAK-EASY RESTAURANT & LOUNGE 233-1326
1015 Vacant
+ 11TH ST S INTERSECTS
1111 EVANGEL TEMPLE 233-3875
1313 SELLAND MOTORS 236-8600
+ 14TH ST INTERSECTS
21A
1416 HAROLD'S COMPLETE CAR CLEAN 233-1351
+ 15TH ST S INTERSECTS
+ 16TH ST S INTERSECTS
1602 MORLOCK CHIROPRACTIC CNTR
chiro 233-4402
MORLOCK GREGG P chiro 233-4402
1610 SYNCOR med svcs 233-2294
1616 FAMILY DENTISTRY LTD 233-4267
CHRISTIANSON WAYNE E dentist 233-4267
+ 17TH ST S INTERSECTS
1702 STOP N' GO gro-gas-laundromat 236-4826
AMERICAN FAMILY INS 233-8937
UTOPIA TOURS 233-4671
HAUGEN MASONRY CONTRACTORS
mason contrs 233-3776
+ 18TH ST S INTERSECTS
1902 GOESON & GOESON P A acctg 233-7565
1904 PLANNED PARENTHOOD OF MINNESOTA clinic 236-7145
2107 Not Verified
1906 STATE FARM INS 236-8000
+ 20TH ST INTERSECTS
+ BNRY INTERSECTS (CROSSING)
BUSINESSES 30 HOUSEHOLDS 32

30TH AV S (VILLAGE GREEN BLVD-MOORHEAD)
21A
- ZIP CODE 56560
+ S 22D ST CHARING CROSS INTERSECTS
+ 26TH ST S CIRCLE INTERSECTS
VILLAGE GREEN PARK
+ S 33D AV CHARING CROSS INTERSECTS
+ VILLAGE GREEN DRIVE S INTERSECTS
+ 29TH ST S INTERSECTS
+ S 30TH ST INTERSECTS
+ S 32ND ST INTERSECTS
BUSINESSES 1

30TH AV SW (FARGO)-FROM 25TH ST SW WEST IN A CUL-DE-SAC
75A
- ZIP CODE 58103
+ 25TH ST SW INTERSECTS
2702 BETHEL EVANGELICAL FREE CHURCH 232-4476
2707 Not Verified
2709 Grettum James A ♠ 237-4777
Grettum Carol A 237-4777
2721 Dittmer Ronald A & Marlys 235-6956
2725 Clapp Edwin G & Geraldine ♠ 237-5117
3225 Feiguon Bill G
BUSINESSES 1 HOUSEHOLDS 5

30TH ST N (FARGO)-FROM 1 BLK EAST OF 716 31ST ST N
81
- ZIP CODE 58102
713 Apartments
+ RESTRICTED ACCESS

N 30TH ST (F) cont'd

3 Not Verified
717 Apartments
+ LIMITED ACCESS (6 UNITS)
2 Mc Ginnity S Chas 234-9252
6 Not Verified
721 Apartments
+ RESTRICTED ACCESS (6 UNITS)
6 Not Verified
725 Johnson Shannon D & Karna 235-7090
Johnson Karna D 235-7090
726 Oye Ronald J ♠ 232-6627
727-729 Not Verified (2 Hses)
730 Nitschke Melvin S & Sharon ♠ 293-5263
801 Peterson Michael A & Donna ♠ 237-3528
802 Schnabel Tim J & Julie ♠ 234-0643
Schnabel Julie A 234-0643
805 Anhorn Timothy J 235-3222
806 Larsen Craig B & Jennifer ♠ 293-8812
Larsen Jennifer 293-8812
809 Not Verified
810 Fode George D ♠ 293-5491
813 Palmer Boyd L & Doris ♠ 293-0807
Palmer Doris A 293-0807
814 Lacher Gerald C & G Robin ♠ 293-5975
Lacher Aimme 293-5975
817 Not Verified
818 Vacant
820 Not Verified
901 Sandford Ronald J & Kathy ♠ 232-2864
902 Hirchert Randal C & Wanda ♠ 232-5584
Hirchert Wanda 232-5584
905 Ganje Leonard C & Mavis ♠ 235-9842
906 Not Verified
908 Senger Frank M ♠ 293-1066
916 Not Verified
917 Covell Phillip L ♠ 232-4166
+ 10TH AV NW INTERSECTS
HOUSEHOLDS 26

30TH ST N (MOORHEAD)-FROM HWY 10 NORTH
18
- ZIP CODE 56560

30TH ST S (FARGO)-FROM MAIN AV SOUTH 1 BLK
80
- ZIP CODE 58108

30TH ST S (MOORHEAD)
21A
- ZIP CODE 56560
2800 Nordick Darrell D & Rosette ♠ 236-1472
2803 Wangsness Jane D ♠ 236-5630
2804 Frampton Howard K & Helen ♠ 236-1455
Frampton Helen M 236-1455
2807 Gage Rev Clarke E & Carolyn ♠ 233-1697
Gage Carolyn J 233-1697
2808 Sundby Arden ♠ 236-1808
2811 Koschak Kathy E ♠ 236-0611
2812 Erickson Roger 236-8096
2816 Not Verified
2819 Miller Winfield D & Peggy ♠ 233-7182
+ S 29TH ST INTERSECTS
2820 Borgen John W Jr & Kelly ♠ 233-4757
Borgen Carl R 233-4757
2823 Tremel John P & Janet ♠ 236-5414
2824 Fagerlie Benjamin D 233-5429

S 30TH ST (MHD) cont'd

2827 Vigen Rev Larry A & Mary Ann ♠ 233-5058
2828 Henningson Lester E & Helen ♠ 233-2585
2901 Stromme Wayne W & Denise ♠ 236-9160
2902 Barden Roland E & Carolyn ♠ 236-7954
Barden Carolyn 236-7954
2905 Not Verified
2906 Swenson Richard A & Linda ♠ 236-7462
Swenson Jeffrey A 236-7462
2909 Not Verified
2910 Johnson Earl R & Lois ♠ 233-3627
2913 Kochis David E & Sandra ♠ 236-5914
2914 Ferrie Paul F & Deborah Nelson ♠ 236-7262
Ferrie Daniel 236-7262
HOUSEHOLDS 22

30½ AV S (FARGO)
67G
- ZIP CODE 58103
+ 22D ST S INTERSECTS
2201-2244 Not Verified (8 Hses)
2248 Johnsgard Richard A & Karen ♠ 293-3774
Johnsgard Karen A 293-3774
2252-2256 Not Verified (2 Hses)
2260 Heimdahl David J ♠ 237-5447
2264 Not Verified
2268 Klava John M ♠ 235-4402
2272-2276 Not Verified (2 Hses)
2301 Apartments
SOMERSET apts
+ LIMITED ACCESS
101-206 Not Verified (9 Apts)
301 Hewitt Mary A 232-6956
302 Knutson Mary 237-0243
305 Webster George E 293-8841
2401 Apartments
+ LIMITED ACCESS (20 UNITS)
101 Wilke Lesley P 235-8388
101 Clemenson Ryan D 235-8388
103-106 Not Verified (3 Apts)
201 Bolgrean Roz R 235-4025
205 Not Verified
2411 Not Verified
+ LIMITED ACCESS (18 UNITS)
2411 103 Hurlbutt Karen S
105 Not Verified
202 Severtson Sharyn 280-2789
203-302 Not Verified (3 Apts)
303 Lovell Wallace L 235-5395
303 Flatt Janice M 235-5395
304 Rosevold Deni
305-306 Not Verified (2 Apts)
2420 Not Verified
BUSINESSES 1 HOUSEHOLDS 46

31ST AV N (FARGO)-FROM ELM ST WEST
108
- ZIP CODE 58102
77 Baugh Harold G ♠ 232-6829
Baugh Aleene A 232-6829
Coleman John J 232-6829
Baugh William G 232-6829
86 Not Verified
101 Sandy Timothy J ♠ 280-1420
Sandy Kari A 280-1420
102-107 Not Verified (2 Hses)
105
304 LEXINGTON APARTMENTS security bldg 232-1756
101-102 Vacant (2 Apts)
103 Misialek Michael 241-7025
104 Gaill John 237-4033

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41ST ST N Cont'd
+ 73RD AVE N ENDS
HOUSEHOLDS 11

41ST ST S (FARGO)-FROM 4099 2ND AVE S SOUTH
• ZIP CODE 58103 CAR-RT C015
220 INTEGRITY STEEL SUPPLY steel-structural ✓@ 701-364-0333
233 A & L LANDSCAPPING INC landscape contractors ✓@ 701-237-5740
THOMPSON STORAGE storage-household & commercial ✓@ 701-281-9013
304 NOVA FIRE PROTECTION sprinklers- automatic-fire-mfrs ✓@ 701-282-0268
+ 4TH AVE S INTERSECTS
• ZIP CODE 58104 CAR-RT R017
3100 AGASSIZ UNDERGROUND utilities- underground ✓@ 701-356-0539
ASPLIN EXCAVATING INC excavating contractors ✓@ 701-277-0048
3125 WEST FARGO PIONEER newspapers ✓ 701-451-5714
BUSINESSES 7

41ST ST S (MOORHEAD)
• ZIP CODE 56560 CAR-RT R006
2012 Ⓦ Hinders Kassi A ✓ ♟(1976)
Ⓦ Malsam Matthew A ✓
2020 Ⓦ Belka Steve J & Stacy @ ♟(1976)
2114 Ness Dale R ✓ 2 ♟(1976) 218-236-1274
2218 Ⓦ Mueller Nick A ✓
• ZIP CODE 56560 CAR-RT R005
3003 DRYWALL SUPPLY CENTRAL INC dry wall contrs equip/supl ✓@ 218-233-7000
BUSINESSES 1 HOUSEHOLDS 5

41ST ST SE (BUFFALO)-FROM 4101 138TH AVE SE EAST
+ 137TH AVE SE CONTINUES
• ZIP CODE 58011 CAR-RT R001
13791 Hansen Scott J ✓ 21 ♟(1951) 701-633-5470
+ 138TH AVE SE INTERSECTS
13819 Andersen Keith S ✓ 21 ♟(1951) 701-633-5453
HOUSEHOLDS 2

41ST ST SE (MAPLETON)-FROM 4101 154TH AVE SE NORTHEAST
+ 155TH AVE SE INTERSECTS
+ 156TH AVE SE CONTINUES
+ 157TH AVE SE INTERSECTS
• ZIP CODE 58059 CAR-RT R001
15715 Baumgarten Donald V & Barbara A ✓ 21 ♟(1978)
+ 158TH AVE SE INTERSECTS
+ 159TH AVE SE INTERSECTS
15965 Sadek Todd W & Tina M ✓ 16 ♟(1960)
+ 160TH AVE ENDS
+ 160TH AVE SE INTERSECTS
+ 160TH AVE ENDS
+ 160TH AVE SE CONTINUES
16009 Cowan Todd R & Wendy M ✓ 10 ♟(1960)
+ 161ST AVE SE BEGINS
+ 162ND AVE SE INTERSECTS
+ 163RD AVE SE INTERSECTS
16305 Kraft Jennifer L & Dean B ✓ 19 ♟(1990) 701-282-6061
+ 164TH AVE SE ENDS
+ 165TH AVE SE INTERSECTS
16522 Ⓦ Ruton Margaret T ✓
Rutten John W & Margaret T ✓ 22 ♟(1990) 701-282-4676
16627 Dobrinz Larry B & Uneva J ✓@ 41 ♟(1978)
16629 Dobrinz Lee A & Lia D ✓ 17 ♟(1990)
HOUSEHOLDS 8

41ST ST SE (WEST FARGO)
• ZIP CODE 58078 CAR-RT R004
16680 Benson Wade S & Becky A ✓ 11 ♟(1990) 701-277-3630
HOUSEHOLDS 1

41ST ST SE (WHEATLAND)-FROM 4101 144TH AVE SE EAST
+ 143RD AVE SE CONTINUES
• ZIP CODE 58079 CAR-RT R001
14367 Martin David W & Michelle M ✓@ 6 ♟(1951) 701-633-5559
14376 No Current Listing
+ 144TH AVE SE INTERSECTS
14483 Puhr Paul A ✓ 14 ♟(1951) 701-633-5475
+ 145TH AVE SE INTERSECTS
+ 146TH AVE SE INTERSECTS
+ RAILROAD CROSSES
+ 147TH AVE SE INTERSECTS

41ST ST SE Cont'd
+ 148TH AVE SE INTERSECTS
HOUSEHOLDS 3

41 1/2 ST S (MOORHEAD)-FROM 4199 29TH AVE S SOUTH
• ZIP CODE 56560 CAR-RT R005
2951 CLAY COUNTY HIGHWAY DEPT grading contractors ✓@ 218-299-5099
TRANSPORTATION DEPT-WEIGH STA state government ✓@ 218-287-5069
+ 30TH AVE S INTERSECTS
+ 42ND ST S BEGINS
BUSINESSES 2

41 1/2 ST SE (MAPLETON)-FROM 4176 158 1/2 AVE SE SOUTH
+ 158TH AVE SE CONTINUES
+ 158 1/2 AVE SE INTERSECTS
+ 42ND ST S INTERSECTS

41ST AVENUE CT S (MOORHEAD)
• ZIP CODE 56560 CAR-RT R005
3029 Ⓦ Buchholz Dale B & Karen L ✓ ♟(1976)
HOUSEHOLDS 1

42ND AVE N (FARGO)
• ZIP CODE 58102 CAR-RT R002
901 Kenninger Randall A & Allison M ✓ 17 ♟(1992) 701-232-6010
902 Nelson Barry N & Susan L ✓ 23 ♟(1979)
905 Harmon Howard E & Valerie A ✓ 15 ♟(1995) 701-239-9096
906 Sondreal Philip S & Ellen J ✓ 21 ♟(1991) 701-239-9821
909 Indergaard Patrick J & Jane E ✓ 15 ♟(1979)
910 Mendoza Eusebio R ✓ 20 ♟(1979)
Mendoza Melissa A
915 Carlerisen Deborrah R ✓ 17 ♟(1995)
916 Strand Bradford N & Roxanne K ✓ 12 ♟(1992) 701-280-2508
919 Loos Thomas J & Deborah C ✓ 19 ♟(1993) 701-235-9288
920 Ⓦ Berge Trent T & Katie L ✓ ♟(1992)
Deal Gregory L & Joan K ✓ 16 ♟(1994) 701-280-1348
923 Jenson Brian J & Susan K ✓ 6 ♟(1994)
924 Hartman Steven R & Linette D ✓ 21 ♟(1992)
928 Tronsgard Paul J & Amy K ✓@ 17 ♟(1996) 701-232-8100
1000 Ⓦ Stoll Dale R ✓ ♟(1992)
Stoll Jodi B
1001 Johnson Suzanne & Chris ✓ 6 ♟(1993) 701-298-6378
1007 Winge David L & Linda S ✓ 15 ♟(1979) 701-293-1275
1008 Relle Oak R & Kirsten H ✓ 12 ♟(1992)
+ 11TH ST N INTERSECTS
1101 Miller Donald R & Joan B ✓ 18 ♟(1994) 701-235-5214
Ⓦ Spielman Matthew ✓
1102 Dirk Patricia A ✓ 9 ♟(1992)
Swanson Paul M ✓ 18 ♟(1995)
Swanson Patricia D
1107 Ⓦ Sandstrom Douglas D & Shelly A ✓ ♟(1992)
1108 Riley Thomas J & Carol A ✓@ 20 ♟(1994) 701-232-3113
1111 Krupich Troy A & Mary E ✓ 17 ♟(1996) 701-293-9846
1114 Charlet Laurence D & Becky M ✓ 16 ♟(1996) 701-492-3911
1201 Swanson Jonathan C & Cleo J ✓ 17 ♟(1995)
1202 Bierdeman Don H & Peggy S ✓@ 18 ♟(1994) 701-237-5569
1207 Ⓦ Dinh Yen ✓
Triebold Jeff L & Pamela J ✓ 6 ♟(1995) 701-232-6516
1208 Olson Carl P & Jayne M ✓ 4 ♟(1996) 701-239-2518
1214 Sklebar Ron K & Kimberly A ✓@ 18 ♟(1965)
1219 Seczko Gary S & Andrea J ✓ 29 ♟(1979) 701-235-4153
+ UNIVERSITY DR N INTERSECTS
HOUSEHOLDS 33

42ND AVE S (FARGO)
+ UNIVERSITY DR S CONTINUES
• ZIP CODE 58104 CAR-RT R013
1421 Kinzler Donald J & Mary L ✓@ 27 ♟(1992)
KINZLER'S PAINTING painters ✓@ 701-232-6536
• ZIP CODE 58104 CAR-RT R010
3203 Hovdenes Jeffrey S & Leann M ✓ 9 ♟(1996)
3204 Traub Rodney D ✓ 14 ♟(1996) 701-239-4192

42ND AVE S Cont'd
3209 Jungling Derick L & Laura A ✓ 4 ♟(1996)
3210 Kraft Bradley A & Kimberly K ✓ 11 ♟(1996)
3215 Ⓦ Pekarek Sue K ✓ ♟(1995)
Tran Thanh N & Amy S ✓ 11 ♟(1996) 701-235-5935
3216 Erickson James R & Judy W ✓ 19 ♟(1996)
3221 Ⓦ Lalonde Ronald S & Earlene O ✓ ♟(1995)
3222 Radcliffe Dwight S & Joan K ✓ 19 ♟(1996) 701-232-8664
3227 Feldner Bradley S & Laura E ✓ 15 ♟(1997) 701-239-6150
3228 Mitzel Dustin J & Wendy M ✓ 7 ♟(1997) 701-281-6070
3233 Isakson Paul J & Laurie M ✓ 13 ♟(1996) 701-298-9499
3236 Larson Mark E & Denise J ✓ 7 ♟(1996) 701-235-2965
3239 Delebarre Gary A & Charmayne L ✓ 12 ♟(1996) 701-298-8101
3241 THATZZA PIZZA pizza ✓@ 701-364-0644
3303 Ⓦ Edwards Kathy L & Jason M ✓ ♟(1995)
3304 Crabill James R Jr & Brenda L ✓ 16 ♟(1996) 701-297-0605
3309 Feltman David A & Mary C ✓ 14 ♟(1998) 701-232-1785
3310 Zurn Joe D ✓ 6 ♟(1996) 701-277-0224
Zurn Naomi S 701-277-0224
3315 Nicholls Bradley R ✓ 14 ♟(1996) 701-235-5318
Nicholls Shelly M 701-235-5318
3316 STELLAR TRENCHING INC gen! contractors ✓@ 701-232-2699
Stellrecht Kurt A & Tracie R ✓@ 10 ♟(1996) 701-297-1988
3321 Anton Kirk A & Tricia D ✓ 4 ♟(1997)
3322 Zahrt Curtis S & Barbara J ✓ 16 ♟(1996)
3327 Johnson Scot E & Kara C ✓ 5 ♟(1998) 701-297-0956
3328 Spanier Steven L & Becky L ✓ 20 ♟(1996) 701-239-1754
3333 Ryckman Le R & Marcy K ✓ 29 ♟(1996) 701-232-5155
3334 Durow Steven F & Nancy K ✓ 12 ♟(1996) 701-235-3726
3339 McMullen Gregory J & Janet H ✓ 18 ♟(1996)
3340 Hansen Jay W & Michelle L ✓@ 14 ♟(1996)
3401 Roberts Nathan & Tara ✓ 7 ♟(1998) 701-235-4631
3404 Boyanovsky Christopher K & Kristy M ✓@ 4 ♟(1998)
3409 Saville Daniel L & Maria L ✓ 12 ♟(1999) 701-235-8730
3412 Thoemke Dustan D & Jeanna K ✓ 11 ♟(1998) 701-235-0711
3417 Peterson Daniel E & Annette Y ✓@ 14 ♟(1998)
3420 Ⓦ Beyers Timothy L ✓ ♟(1995)
Beyers Im L
3425 Lambrecht Brock L & Nancy C ✓ 14 ♟(1998) 701-293-5282
3428 No Current Listing
3433 Raymond Nathan J & Nicole L ✓ 11 ♟(2000) 701-281-8332
3436 Leingang Nancy A ✓ 20 ♟(1995) 701-235-7347
Melting James A ✓ 11 ♟(1998) 701-235-7347
3441 Palmer Bradley G & Pamela L ✓@ 6 ♟(1998)
3444 Moszer Nicholas A & Bridgit B ✓ 6 ♟(1998)
3452 Kennedy Gary J & Cynthia A ✓@ 4 ♟(1999)
3502 Ⓦ Brandenburg Jason D & Amber L ✓@ ♟(1995)
3503 Lovehaug Adam D & Michele L ✓ 14 ♟(1976)
3510 IGL GROWTH INVESTMENT CLUB LLP fraternal org @ 701-293-1729
Wastweet Kimberly K ✓@ 3 ♟(1995)
3511 Sylvester Sharleen J & Steven D ✓@ 14 ♟(1998) 701-237-6426
3518 Tretter Dale R & Sheila M ✓ 18 ♟(1981)
3519 Ⓦ Gaeu Kevin D ✓ ♟(1995)
3526 Schroeder Don D & Claudia J ✓ 12 ♟(1999) 701-232-3624
3527 No Current Listing
3534 Leeaphon Dan & Laura F ✓ 11 ♟(1999) 701-293-6994
3535 Lively Robert W & Rosanne M ✓ 20 ♟(1981) 701-293-8089
3542 No Current Listing
3543 Clark Randy L & Diane M ✓ 20 ♟(1981) 701-232-2961

42ND AVE S Cont'd
3544 Laverdure Richard D & Cindy R ✓ 2 ♟(1998) 701-282-3012
3545 Pederson Timothy F ✓ 4 ♟(1995)
3550 No Current Listing
• ZIP CODE 58104 CAR-RT R022
4255 Hanish Verna ✓ 2 701-232-4737
4283 Johnson Robert P & Jill D ✓ 4 ♟(2001) 701-277-5771
4289 Reiniger Mark A & Kathleen M ✓ 11 ♟(2001) 701-356-6950
4290 Gothberg Derrick R & Traci L ✓ 11 ♟(2001) 701-282-3275
4295 Ⓦ Mohagen Roberta J ✓@ ♟(1990)
BUSINESSES 4 HOUSEHOLDS 63

42ND AVE S (MOORHEAD)-FROM 4167 6TH ST S EAST
+ 41ST AVE S CONTINUES
• ZIP CODE 56560 CAR-RT R002
402 Ⓦ Jennifer Cooper ✓
McCleary Dean P & Natalie J ✓ 10 ♟(1992) 218-287-5579
403 Rudnick Joshua M & Kari A 5 ♟(1992)
422 Thorn Bradley T & Kathy A ✓@ 8 ♟(1992)
423 Bulik Robert E & Connie L ✓ 54 ♟(1963) 218-233-9546
443 Olsen Walter S & Maureen A ✓ 21 ♟(1992)
463 Luthi Chaun E & Brenda A ✓ 15 ♟(1992) 218-291-9823
503 McDermott Lynee D ✓ 9 ♟(1992) 218-236-8469
523 Enger Lin J ✓ 17 ♟(1992) 218-287-7561
Enger Kathy B 218-287-7561
543 Sinner James R & Denice T ✓ 54 ♟(1992) 218-287-4519
602 Koenig Robert J & Marlene K ✓ 54 ♟(1992)
603 Lovik Mark A & Maebelle V ✓ 54 ♟(1963)
+ 6TH ST S INTERSECTS
622 Wheeler Robert J & Tracy M ✓ 18 ♟(1992) 218-287-4159
623 Brammer Heidi A ✓ 54 ♟(1992) 218-236-9286
Brammer Robert B 218-236-9286
642 Hoscoe Ronald J & Diane M ✓ 4 ♟(1992) 218-236-0139
643 Mairs Heather 2 ♟(1992)
702 Erickson Ann L ✓ 2 ♟(1992) 218-291-1913
703 Voeller Robert D & Stacy L ✓ 16 ♟(1992) 218-287-4918
722 Grove Kenneth D & Kathleen J ✓ 54 ♟(1992) 218-287-1552
723 Berg James D & Nancy A ✓ 54 ♟(1992) 218-233-3258
+ 15TH ST S CONTINUES
• ZIP CODE 56560 CAR-RT R006
1502 Nappe Troy D & Lori M ✓ 6 ♟(1976)
1508 Ⓦ Linn Michael ✓ ♟(1976)
Linn Angi
1511 No Current Listing
1514 Ⓦ Stamm David A ✓ ♟(1976) 218-227-5125
Stamm Tonia M 218-227-5125
+ 16TH ST S INTERSECTS
1602 Ⓦ Lyman Stephen T ✓ ♟(1976)
Lyman Katie J
1610 Bedford Jason G ✓@ 5 ♟(1976)
1618 Ⓦ Brisk Elizabeth ✓
Peterson Treavor J ✓ 9 ♟(1976)
Peterson Elizabeth
1622 Shaw Robert B & Kathryn C ✓ 4 ♟(1976)
1704 Simmons Shane L & Ashley K ✓@ 3 ♟(1976)
1712 Bohweder Kelsey ✓ 3
1720 Smith Travis A & Allison M ✓ 9 ♟(1976)
1728 Tschakert Eric S & Erin ✓ 4 ♟(1976)
+ 18TH ST S INTERSECTS
1802 Ohnstad James R ✓ 8 ♟(1976)
Ohnstad Malorie
1810 Zierke Tyler & Tracy 3 ♟(1976)
1818 Doan Viet O ✓ 3 ♟(1976)
Doan Katie
1826 Ⓦ Hulne Lucas J ✓ ♟(1976)
Hulne Krysta
1834 Hedden Craig S & Suzanne ✓ 5 ♟(1976)
1840 Ⓦ Fingarson Chalcee A ✓ ♟(1976)
Schuck Kirk ✓ 2
+ 19TH ST S INTERSECTS
HOUSEHOLDS 40

42ND AVE W (WEST FARGO)
• ZIP CODE 58078 CAR-RT R004
524 Krumwiede William A & Julie A ✓ 9 ♟(2001) 701-281-9224
601 Frith Judd H & Sara J ✓ 11 ♟(1990) 701-298-8317
602 Gader Bruce C 11 ♟(2003)

42ND AVE W Cont'd
679 Ⓦ Milbrath Darin & Jacquelyn R ✓ ♟(1990)
680 Hagen Brian O & Emily S ✓ 4 ♟(2003) 701-241-7054
757 Albrecht John D ✓@ 6 ♟(2007) 701-232-4939
Albrecht Jennifer J 701-232-4939
758 Presler Dwayne L & Cheryl A ✓ 4 ♟(2004)
836 Erickson Tom J & Judy A ✓ 11 ♟(2003) 701-282-7460
911 Ⓦ Mosey Anthony G ✓ ♟(1990)
954 Savey Curtis J 2 ♟(1990)
955 Wiese Richard L & Jessica L ✓@ 19 ♟(2005)
958 No Current Listing
959 Johnson Eric L 4 ♟(2005)
962 Ⓦ Thielges Heidi
963 Adahl Robert C & Arlene ✓ 7 ♟(2005)
966 Forde June M ✓ 7 ♟(2005)
967 No Current Listing
970 Ostendort Jerrold E 7 ♟(2005)
971 Taxdahl Tara ✓ 2
974 Ruud James L ✓@ 3 ♟(1990) 701-282-0695
Ruud Lloyd 701-282-0695
975 Ⓦ Kramer Bryan ✓
Kramer Kelly A
978 No Current Listing
979 Driscoll Jeremy P & Larissa M ✓ 7 ♟(2005)
982 Bergstedt Ann R ✓ 4 ♟(2005)
Schoenberg Justin R ✓ 3
983 Ⓦ Fetsch Daniel L ✓ ♟(1990)
Fetsch Sarah M
1010 No Current Listing
1011 Ⓦ Jetvig Michelle
1014 Ⓦ Lipp Ashley ♟(1990)
1015 Ⓦ Markel Danielle R ✓ ♟(1990)
1018 Schneider Patrick J ✓ 8 ♟(2005)
1019 Nelson Joshua J ✓ 8 ♟(2005)
Nelson Tracy
1022 Machart Patrick T ✓ 8 ♟(2005)
1023 Keogh Michele R 6 ♟(2005)
1026 Ricker Lauren ✓ 4
1027 Martin Danielle ✓ 3
1030 Flom Douglas E 3 ♟(1990)
1031 Ⓦ Laude Krista L ✓ ♟(1990)
Ⓦ Riemer Nicholas ✓
1034 Ⓦ Hill Kaylene N ✓ ♟(1990)
Ⓦ Wendorff Jeremy ✓
1035 Resler Mindy ✓@ 7 ♟(1990)
1038 Babcock Jennifer 4 ♟(2005)
Babcock Devero
1039 Wakeman Sherri K ✓ 7 ♟(2005) 701-235-5529
1042 Walen Albert L & Barbara ✓ 5 ♟(2005)
1043 Kringstad Donald R 6 ♟(2005)
Kringstad Shawn A
1046 Luptak Zachary A & Arlene ✓ 4 ♟(2005)
1047 No Current Listing
1050 Vatnsdal Christopher D 7 ♟(2005)
1051 Lemier Wayne A & Michelle R ✓ 8 ♟(2005)
1054 Pavaglio Racheal A ✓ 3 ♟(1990) 701-566-7059
1055 Ⓦ Thompson Tyza A ✓ ♟(1990)
Thompson Nathan S
1058 Feske Judy & Larry D ✓ 8 ♟(2005)
1059 Prescott Pamela R ✓ 3 ♟(1990) 701-540-9688
1062 Myhre Milt M ✓ 2
1063 Berg Karl K & Robin ✓ 3 ♟(2005)
1066 Brown Kate E ✓ 5
1067 Ⓦ Klimpel Vernon L & Ione L ✓ ♟(1990) 701-540-6353
1070 Scheurer Allen J ✓ 8 ♟(2005)
Scheurer Kama
1071 Tufte Jared E & Julia A ✓ 4 ♟(2005)
1111 Walen Michael A ✓ 7 ♟(2005)
1115 Harris Spencer B & Nicole D 7 ♟(2005)
Ⓦ Stowers Bridget J ✓
1119 Hams Elizabeth J ✓ 4 ♟(2005)
1123 Ⓦ Shirley Steven E ✓@
1127 Schilke Sara L ✓ 5 ♟(2005)
1131 Ten Broek J 7 ♟(1990)
Tenbroek Jeremy ✓ 4 ♟(1990)
Tenbroek Heidi
1135 Anderson Scott ✓ 3
Anderson Sarah
1139 No Current Listing
1143 Ⓦ Brager Heather N ✓ 701-282-8081
1144 A Kent John 2
B Reller Alyssa L ✓ 2
C Ⓦ King Tarren ✓
C King Patrick J
D Bennett Sarah 2
D Ⓦ Skjel Katie ✓
E Ⓦ Vossler Madeline ✓
F Ⓦ Jacobson Charlotte ✓
H Ⓦ Steffen Christina M ✓

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41ST AVE S Cont'd

3815 Gilmore George F & Francine [4] 218-233-5939
3816 Midthune John E & Pamela J [3] 218-359-0828
3818 Hagen Michael D & Gail L [5] 218-233-8240
3819 Diederick Kristie M [2] 218-287-0033
3823 Rasmussen Mark E & Sandra C 218-236-5121
3839 Hansen Lance R & Sara B [6] 218-287-4627
3855 Siverson Duane E [4] 218-233-3164
Siverson Bonnie K 218-233-3164
+ 40TH ST S INTERSECTS
4022 No Current Listing
4023 Swenson Robert A Jr & Cynthia A [12] 218-236-6947
4036 Noyes Robert D & Julie M [15] 218-233-0272
PRECISE IMPROVEMENTS nonclassified establishments 218-233-0272
4047 Swenson Michael C & Shannon M [11]
4058 Heng Thomas J [50] 218-233-0786
4061 Hagen Krista M [2]
4093 Gilbertson Gilbert J & Ingrid [50] 218-233-8763
4094 Syverson Sherman A & Deborah J [12] 218-236-1957
4109 West Terence C & Roxanne J [29] 218-236-0078
4114 Larson Dennis E [50] 218-236-1564
4144 Wettstein Jeffrey P & Kathleen A [25] 218-236-0056
4145 Tronstad Hilda F [26] 218-233-7754
4166 No Current Listing
4183 Rosson Kenneth E & Wendye M [12] 218-291-1594
4190 Faust Todd A [14] 218-287-5531
4195 Hutchison Ginger K [4]
4212 Leiseth Arvid S & Marie M [35] 218-236-8042
4229 Wagner Treff [5]
4234 Bofluyt Jason L
4258 Brewer Curtis L & Denice R [50] 218-233-6673
4267 Ecklund Eugene H & Dorothy E [50] 218-236-9488
4276 Christoffers Michael J & Collette M [7] 218-233-2443
4293 Dickason William J [33] 218-233-0342
4308 Maaninga Brenda L & Darryn K [50] 218-287-1384
4317 Bengson John W & Christine A [14] 218-236-7341
4334 Kateck Bryan & Jerilyn [7]
4339 Osowski Daniel L & Vicky L [20] 218-233-8032
4356 Christianson Tracy W & Katheryn M [20] 218-233-4617
+ HIGHWAY 52 INTERSECTS
BUSINESSES 2 **HOUSEHOLDS 163**

41ST AVE S (PRAIRIE ROSE)-FROM 3998 36TH ST S
• ZIP CODE 58104 CAR-RT R019
3283 Ringdahl Lewis L & Laverne C [32] 701-235-1943
3284 Harms Kenneth D & Carol L [17] 701-293-8051
3287 No Current Listing
+ 33RD ST S BEGINS
+ 33RD ST S CONTINUES
3304 Shawchuck Melody K [7] 701-281-2621
3401 Glessner Mark L [13] 701-239-4184
3402 Cox John R & Jacqueline A [19] 701-235-6893
3408 Olson Steven C & Deloris M [19] 701-235-3974
3409 Planteen Lyle R & Gayle A 701-232-1326
3505 Withnell Gary D & Lois L [21]
3506 Jensen Mark L & Sonja A [22] 701-364-9839
3513 Ashley Wilson L Jr & Laurie K [8]
3514 Staloch Robert L & Shanda M [25] 701-235-9422
HOUSEHOLDS 12

41ST AVE W (WEST FARGO)
• ZIP CODE 58078 CAR-RT R004
952 Wright Joseph R
953 Ibach Jill [3]
956 - 957 No Current Listing (2 Hses)
960 Quenette Stephen A
961 Holte Joshua T & Martha [6]
964 Zellers Korey J
965 Kilzer Marshall F [3]
Kilzer Tami J
968 No Current Listing
969 Tester Bruce A & Teresa M [3] 701-293-1261
972 Amundson Ashley
Lunde Shawn
973 Boyeff Bradley J [4]
Boyeff Amanda
976 Highman Mitchell P [3]
977 Schlenker Kenwood K [3] 701-281-0122
980 Singha Milka U [3]
Singha Megan
981 Brusven Jennie L [3]
1008 Kidrowski Adam J
1009 Nguyen Quang V [3]
Nguyen Jenny
1012 Diffely Jason R [4]
Diffely Denise E
1013 Baker Jason P
Redfield Shaune
1016 Fyre Troy A
1017 Herbel Autumn L [3]
1020 Stahl Andrew J [3] 701-277-3692
1021 Kuska Nicole A [2] 701-532-0271
1024 Lulay John A
1025 Olson Jenny R [2]
1028 Sauvageau Steven J [3]
1029 Hampson Darren G [4]
1032 Staffne David C [3]
1033 Casperson Kent A [3]
Evenson Monte C & Kimberly A
Gauslow Sonja R [3]

41ST AVE W Cont'd

1036 Strand Heather R [3] 701-318-0340
1037 Hillebrand Chad O & Shawnda L [3] 701-235-4422
1040 Kihle Tiffaney M [4]
Kihle Linda D
1041 Voltzke William J
1044 - 1045 No Current Listing (2 Hses)
1048 Sprecher Robyn R [3] 701-356-0273
Sprecher Dellivan 701-356-0273
1049 Imdacha Joshua I [3] 701-277-3117
Imdacha Alicia A 701-277-3117
1052 Swenson Travis L & Becky [3] 701-282-9215
1053 Murphy Laurie J [3] 701-281-7293
1056 Hilscher Jade R [4] 701-532-0268
Hilscher Jamie 701-532-0268
1057 Sorensen Erik P & Tammy [7] 701-234-1989
1060 Pruneda Katty [3]
1061 Beimdiek Heath W
1064 Ingalls Ranelle F [3]
1065 Bartels Brett L
1068 Arrieta Nestor R [6]
1069 Callies Lois F [2] 701-282-2583
HOUSEHOLDS 52

41ST ST N (FARGO)-FROM 4099 14TH AVE N NORTH
+ 12TH AVE N INTERSECTS
+ AGGREGATE INDUSTRIES DR N CONTINUES
• ZIP CODE 58102 CAR-RT R005
1220 RICKARD ELECTRIC INC ELEC electric contractors 701-281-0766
1230 VALLEY PLUMBING plumbing contractors 701-364-4049
1301 NATIONAL AGRI-SVC INC farm equip 701-356-4090
PENSKE TRUCK LEASING CO LP truck driver-lease 701-373-7006
1325 LAND TRANSPORTATION transportation 701-356-0819
ROCOR INTERNATIONAL INC trucking- motor freight 701-282-9698
1330 CURTIS CONSTRUCTION CO genl contractors 701-282-8652
1334 Johnson Arnold O [34] 701-282-5737
+ 14TH AVE N INTERSECTS
1402 SANITATION PRODUCTS INC sweepers-power 701-282-0296
1416 RED RIVER GLAZING INC glass 701-232-4717
1425 BROCK WHITE CO contractors- equip/supl 701-282-9255
1430 CROSSCOUNTRY COURIER delivery serv 701-282-7551
+ 15TH AVE N INTERSECTS
BUSINESSES 11 **HOUSEHOLDS 1**

41ST ST N (MOORHEAD)-FROM 4067 70TH AVE N NORTH
• ZIP CODE 56560 CAR-RT R001
7028 Mueller Shawn M [10]
7072 Zimara Robert J & Margot D [24] 218-236-8672
7114 Green Michael C & Jolene A [19] 218-236-9239
7123 Pederson Adam L & Cathy R [7] 218-477-0204
7152 Caid Joseph T & Andrea K [50] 218-287-2498
7161 Anderson Robert D & Becky M [10] 218-291-1440
7198 Solberg Todd L & Carrie M [9] 218-291-4566
7203 Roder William C & Tami R [50] 218-233-6747
7226 Berg Darin R & Christine E [11] 218-284-0844
7235 Larson Jamie A [2]
+ 73RD AVE N ENDS
HOUSEHOLDS 10

41ST ST S (FARGO)-FROM 4099 2ND AVE S SOUTH
• ZIP CODE 58103 CAR-RT C058
220 INTEGRITY STEEL SUPPLY steel-structural 701-364-0333
233 THOMPSON MINI STORAGE storage- household & commercial 701-356-5566
304 NOVA FIRE PROTECTION LLC sprinklers- automatic-fire 701-282-0268
+ 4TH AVE S INTERSECTS
• ZIP CODE 58104 CAR-RT R024
3100 ASPLIN excavating contractors 701-277-0048
BUSINESSES 4

41ST ST S (MOORHEAD)-FROM 4080 30TH AVE S SOUTH
+ 29TH AVE S CONTINUES
+ 30TH AVE S INTERSECTS
• ZIP CODE 56560 CAR-RT R005
3003 CYBERGNOSTIC GROUP nonclassified establishments 218-233-7001
DRYWALL SUPPLY CENTRAL INC dry wall contrs equip/supl 218-233-7000
+ 32ND AVE S INTERSECTS
BUSINESSES 2

41ST ST SE (BUFFALO)-FROM 4101 138TH AVE SE EAST
+ 137TH AVE SE CONTINUES
• ZIP CODE 58011 CAR-RT R001
13791 Hansen Scott J [17] 701-633-5470
+ 138TH AVE SE INTERSECTS
13819 Andersen Keith S [17] 701-633-5453
HOUSEHOLDS 2

41ST ST SE (MAPLETON)-FROM 4101 166TH AVE SE
+ 155TH AVE SE INTERSECTS
+ 156TH AVE SE CONTINUES
+ 157TH AVE SE INTERSECTS
+ 157TH AVE SE CONTINUES
• ZIP CODE 58059 CAR-RT R001
15715 Baumgarten Donald V & Barbara A [17] 701-347-4955
+ 158TH AVE SE INTERSECTS

41ST ST SE Cont'd

+ 158TH AVE SE CONTINUES
+ 159TH AVE SE INTERSECTS
+ 159TH AVE SE CONTINUES
15965 Sadek Todd W & Tina M [12] 701-347-9863
+ 160TH AVE ENDS
+ 160TH AVE SE INTERSECTS
+ 160TH AVE ENDS
+ 160TH AVE SE CONTINUES
16009 Cowan Todd R & Wendy M [6] 701-347-0026
+ 161ST AVE SE BEGINS
+ 161ST AVE SE CONTINUES
+ 162ND AVE SE INTERSECTS
+ 163RD AVE SE INTERSECTS
16305 Kraft Jennifer L & Dean B [15] 701-282-6061
+ 164TH AVE SE ENDS
+ 165TH AVE SE INTERSECTS
+ 165TH AVE SE CONTINUES
16522 Rutten John W & Margaret T [18] 701-282-4676
16627 Dobrinz Larry B & Uneva J [37] 701-282-3937
16629 Dobrinz Lee A & Lia D [13] 701-281-3052
HOUSEHOLDS 7

41ST ST SE (WEST FARGO)
• ZIP CODE 58078 CAR-RT R004
16680 Benson Wade S & Becky A [7] 701-277-3630
HOUSEHOLDS 1

41ST ST SE (WHEATLAND)-FROM 4101 144TH AVE SE EAST
+ 143RD AVE SE CONTINUES
• ZIP CODE 58079 CAR-RT R001
14367 Martin David W & Michelle M [4] 701-633-5559
14376 Camas Kevin E & Becky L [25] 701-633-5528
+ 144TH AVE SE INTERSECTS
14483 Puhr Paul A [10] 701-633-5475
+ 145TH AVE SE INTERSECTS
+ 146TH AVE SE INTERSECTS
+ RAILROAD CROSSES
+ 147TH AVE SE INTERSECTS
14759 Grossman Kenneth F & Eileen M [25] 701-347-5444
GROSSMAN NORTHLAND AUCTIONEERS auctioneers 701-347-5444
+ 148TH AVE SE INTERSECTS
BUSINESSES 1 **HOUSEHOLDS 4**

41 1/2 ST S (MOORHEAD)-FROM 4199 29TH AVE S SOUTH
• ZIP CODE 56560 CAR-RT R005
2951 CLAY COUNTY HIGHWAY DEPT grading contractors 218-299-5099
CLAY COUNTY SHOP government offices-county 218-354-2239
TRANSPORTATION DEPT-WEIGH STA state government 218-287-5069
+ 30TH AVE S INTERSECTS
+ 42ND ST S BEGINS
BUSINESSES 3

41 1/2 ST SE (MAPLETON)-FROM 4176 158 1/2 AVE SE SOUTH
+ 158TH AVE SE CONTINUES
+ 158 1/2 AVE SE INTERSECTS
+ 42ND ST SE INTERSECTS
+ 42ND ST SE INTERSECTS

42ND AVE N (FARGO)
• ZIP CODE 58102 CAR-RT R002
901 Kenninger Randall A & Allison M [13] 701-232-6010
902 Nelson Barry N & Susan L [19] 701-235-8790
905 Harmon Howard E & Valerie A [11] 701-239-9096
906 Sondreal Philip S & Ellen J [12] 701-239-9821
909 Indergaard Patrick J & Jane E [11]
910 Mendoza Eusebio R [16] 701-237-6783
Mendoza Melissa A 701-237-6783
915 Carstensen Harris C & Deborrah R [13] 701-293-9864
916 Strand Bradford N & Roxanne [8] 701-280-2508
919 Loos Thomas J & Deborah C [15] 701-235-9288
920 Deal Gregory L & Joan K [14] 701-280-1348
923 Jenson Brian J & Susan K [2] 701-232-8033
924 Hartman Steven R & Linette D [17] 701-298-3646
928 Tronsgard Paul J & Amy K [13] 701-232-8100
1000 McLachlan Shanon G & Christine L [14] 701-293-8562
1001 Johnson Suzanne 701-298-6378
Johnson Chris 701-298-6378
1007 Winge David L & Linda S [12] 701-293-1275
1008 Reile Oak R & Kirsten H [8]
1101 Miller Donald R & Joan B [14] 701-235-5214
1102 Swanson Paul M [14] 701-237-5612
Swanson Patricia D 701-237-5612
1107 Campbell John C [11] 701-235-5124
Campbell Jean E 701-235-5124
1108 Riley Thomas J & Carol A [16] 701-232-3113
1111 Krupich Troy A & Mary E [13] 701-293-9846
1114 Charlet Laurence D & Rebecca [12] 701-492-3911
1201 Swanson Jonathan C & Cleo J [13] 701-271-8839
1202 Bierdeman Don H & Peggy S [14] 701-237-5569
1207 Triebold Jeff L & Pamela J [2] 701-232-6516
1208 Fremling Elaine J & Eric D [10] 701-235-8412
1214 Sklebar Ron K & Kimberly A [14] 701-232-1543
1219 Seczko Gary S & Andrea J [25] 701-235-4153

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41ST AVE S Cont'd

3284 Harms Carol L & Kenneth D [14]▲ 701-293-8051
3287 No Current Listing
+ 33RD ST S CONTINUES
3304 Shawchuck Melody K [3]▲ 701-281-2621
3401 Glessner Mark L [10]▲ 701-239-4184
3402 Cox John R & Jacqueline A [16]▲ 701-235-6893
3408 Olson Deloris M & Steven C [17]▲ 701-235-3974
3409 Dobitz Carol S & Clifford P [6]▲ 701-280-9221
3505 Withnell Gary D [16]▲ 701-232-3015
Withnell Witty 701-232-3015
3506 Jensen Mark L & Sonja A [10]▲ 701-232-8321
3513 Ashley Laurie K & Wilson L [5]▲
Montplaisir Jodi A [10]▲
3514 Staloch Robert L [22]▲ 701-235-9422
Staloch Nicholas J 701-235-9422
HOUSEHOLDS 13

41ST AVE W (WEST FARGO)
• ZIP CODE 58078 CAR-RT R002
952 Ⓓ Hulm Ricky A▲
953 Ⓓ Ibach Jill▲ 701-281-1392
956 Ⓓ Olson Robin▲
957 Ⓓ Wollschlaeger Brett▲
961 Ⓓ Holte Joshua T▲
965 Ⓓ Kilzer Marshall F▲
969 Ⓓ Tester Bruce A & Teresa M 701-293-1261
973 Ⓓ Boyeff Bradley J▲
977 Ⓓ Schlenker Kenwood K▲ 701-281-0122
981 Ⓓ Harper David C▲
1017 Ⓓ Haas Rpeston▲
1021 Ⓓ Grant Jason R▲
1041 Ⓓ Gravley Russell▲
1045 Ⓓ Cossette Richard A▲
1049 Ⓓ Imdacha Joshua I▲
1053 Ⓓ Murphy Laurie J▲ 701-281-7293
1057 Ⓓ Sorensen Erik P & Tammy▲ 701-234-1989
1061 Ⓓ Nelson Kristian▲
1065 Ⓓ Rankin Kathleen▲
HOUSEHOLDS 19

41ST ST N (FARGO)-FROM 4099 14TH AVE N NORTH
+ 12TH AVE N CONTINUES
• ZIP CODE 58102 CAR-RT R005
1220 RICKARD ELECTRIC INC ELEC electric contractors 701-281-0766
1224 Bruner Robert A [12]
NORTHERN GLOVE CO gloves- work & industrial 701-478-0076
PRAIRIE LAKES DISTR INC hardware-whol 701-492-2930
1301 NATIONAL AGRI-SVC INC farm equip 701-356-4090
1325 Cossette Raymond J & Agnes M [12]▲
ROCOR INTERNATIONAL INC trucking- motor freight 701-282-9698
1330 CURTIS CONSTRUCTION CO genl contractors 701-282-8652
1334 Johnson Arnold O & Margaret J [31]▲ 701-282-5737
+ 14TH AVE N INTERSECTS
1402 SANITATION PRODUCTS compactors-waste 701-282-0296
1413 THERM-AIR-SALES CORP ventilating equip 701-282-9500
1416 CENTRAL DOOR & HARDWARE INC builders hardware 701-281-9082
1430 CROSSCOUNTRY COURIER delivery serv 701-282-7551
+ 15TH AVE N INTERSECTS
BUSINESSES 10 HOUSEHOLDS 3

41ST ST N (MOORHEAD)-FROM 4067 70TH AVE N NORTH
• ZIP CODE 56560 CAR-RT R001
7028 No Current Listing
7072 Zimara Margot D & Robert J [6]▲ 218-236-8672
7114 Green Jolene A & Michael C [16]▲ 218-236-9239
7123 Ⓓ Pederson Cathy R & Adam L▲
7152 Caid Andrea K & Joseph T [20]▲ 218-287-2498
7161 Anderson Becky M & Robert D [9]▲ 218-291-1440
7198 Solberg Carrie M & Todd L [8]▲ 218-291-4566
7203 Roder Tami R & William C [14]▲ 218-233-6747
7226 Berg Darin & Christine E [2]▲ 218-284-0844
7235 Ⓓ Sanger Jayson▲ 218-477-0372
+ 73RD AVE N ENDS
HOUSEHOLDS 10

41ST ST S (FARGO)-FROM 4007 2ND AVE S SOUTH
• ZIP CODE 58103 CAR-RT C014
220 BUCHANAN INDUSTRIES LLC pipe bending & fabricating 701-492-9200
233 THOMPSON ROOFING CO roofing contractors 701-281-9013
304 NOVA FIRE PROTECTION LLC sprinklers- automatic-fire 701-282-0268
+ 4TH AVE S INTERSECTS
• ZIP CODE 58104 CAR-RT R020
3100 ASPLIN EXCAVATING INC excavating contractors 701-277-0048
ASPLIN SAND & GRAVEL sand & gravel 701-277-0048
ASPLIN SEPTIC PUMPING septic tanks/sys- cleaning/rpr 701-277-0048
BUSINESSES 6

41ST ST S (MOORHEAD)-FROM 4101 32ND AVE S
+ 29TH AVE S CONTINUES
+ 30TH AVE S INTERSECTS
• ZIP CODE 56560 CAR-RT R005

41ST ST S Cont'd

3003 DRYWALL SUPPLY CENTRAL INC dry wall contrs equip/supl 218-233-7000
BUSINESSES 1

41ST ST SE (BUFFALO)-FROM 4101 138TH AVE SE EAST
+ 137TH AVE SE CONTINUES
• ZIP CODE 58011 CAR-RT R001
13791 Hansen Scott J [14]▲ 701-633-5470
+ 138TH AVE SE INTERSECTS
13819 Andersen Keith S [14]▲ 701-633-5453
HOUSEHOLDS 2

41ST ST SE (MAPLETON)-FROM 4101 154TH AVE SE NORTHEAST
+ 155TH AVE SE INTERSECTS
+ 156TH AVE SE CONTINUES
+ 157TH AVE SE INTERSECTS
+ 157TH AVE SE CONTINUES
• ZIP CODE 58059 CAR-RT R001
15715 Baumgarten Donald V & Barbara A [14]▲ 701-347-4955
+ 158TH AVE SE INTERSECTS
+ 158TH AVE SE CONTINUES
+ 159TH AVE SE INTERSECTS
+ 159TH AVE SE CONTINUES
15965 Sadek Tina M & Todd W [9]▲ 701-347-9863
+ 160TH AVE ENDS
+ 160TH AVE SE INTERSECTS
+ 160TH AVE ENDS
+ 160TH AVE SE CONTINUES
16009 Rudolph Robin R [14]▲
Sorenson Gerald K & Cathy J [7]▲ 701-347-0025
+ 161ST AVE SE BEGINS
+ 161ST AVE SE CONTINUES
+ 162ND AVE SE INTERSECTS
+ 163RD AVE SE INTERSECTS
16305 Kraft Jennifer L & Dean B [12]▲ 701-282-6061
+ 165TH AVE SE INTERSECTS
16522 Rutten John W & Margaret T [15]▲ 701-282-4676
+ 166TH AVE SE INTERSECTS
16627 Dobrinz Larry B & Uneva J [34]▲ 701-282-3937
16629 Dobrinz Lee A & Lia D [10]▲ 701-281-3052
HOUSEHOLDS 8

41ST ST SE (WEST FARGO)-FROM 4101 166TH AVE SE EAST
• ZIP CODE 58076 CAR-RT R002
16680 Benson Wade S & Becky A [4]▲ 701-277-3630
+ 167TH AVE SE INTERSECTS
+ 40TH AVE S INTERSECTS
HOUSEHOLDS 1

41ST ST SE (WHEATLAND)-FROM 4101 144TH AVE SE EAST
+ 143RD AVE SE CONTINUES
• ZIP CODE 58079 CAR-RT R001
14367 Ⓓ Martin David▲
14376 Camas Kevin E & Becky L [22]▲ 701-633-5528
+ 144TH AVE SE INTERSECTS
14483 Puhr Paul A [7]▲ 701-633-5475
+ 145TH AVE SE INTERSECTS
+ 146TH AVE SE INTERSECTS
+ RAILROAD CROSSES
+ 147TH AVE SE INTERSECTS
14759 Grossman Kenneth F Sr & Eileen M [22]▲
GROSSMAN NORTHLAND AUCTIONEERS auctioneers 701-347-5444
+ 148TH AVE SE INTERSECTS
+ 150 1/2 AVE SE INTERSECTS
+ 151ST AVE SE INTERSECTS
BUSINESSES 1 HOUSEHOLDS 4

41 1/2 ST S (MOORHEAD)
• ZIP CODE 56560 CAR-RT R005
2951 CLAY COUNTY HIGHWAY DEPT grading contractors 218-299-5099
BUSINESSES 1

42ND AVE N (FARGO)-FROM 4201 10TH ST N
• ZIP CODE 58102 CAR-RT R002
901 Kenninger Allison M & Randall A [10]▲ 701-232-6010
Klein Julie [13]▲
Raverty Kevin M [14]▲
902 Nelson Barry N & Susan L [16]▲ 701-235-8790
905 Harmon Howard E III & Valerie A [8]▲ 701-239-9096
906 Aafedt Susan L [14]▲
Sondreal Philip S & Ellen J [14]▲ 701-239-9821
909 No Current Listing
910 Mendoza Eusebio R & Greta C [13]▲ 701-237-6783
915 Carstensen Deborrah R & Harris C [10]▲ 701-293-9864
916 Strand Bradford N & Roxanne [5]▲ 701-280-2508
919 Loos Deborah C & Thomas J [12]▲ 701-235-9288
920 Deal Gregory L & Joan K [11]▲ 701-280-1348
923 Kagan Nancy V [13]▲
Kagan Albert
924 Hartman Linette D & Steven R [14]▲ 701-298-3646
928 Tronsgard Amy K & Paul J [10]▲ 701-232-8100
1000 McLachlan Christine L & Shanon G [11]▲ 701-293-8562
1001 No Current Listing
1002 Lovgren Monica L [9]▲
1007 Winge David L & Linda S [9]▲ 701-293-1275
1008 Reile Kirsten H & Oak R [5]▲ 701-237-4885
+ 11TH ST N INTERSECTS
1101 Miller Donald R & Joan B [12]▲ 701-235-5214

42ND AVE N Cont'd

1102 Swanson Paul M & Patricia D [11]▲ 701-237-5612
1107 Campbell John C [8]▲ 701-235-5124
Campbell Lillian A 701-235-5124
1108 Riley Carol A & Thomas J [13]▲ 701-232-3113
1111 Krupich Mary E & Troy A [11]▲ 701-293-9846
1114 Charlet Laurence D & Rebecca [10]▲ 701-492-3911
Meyer Mark L Sr & Rebecca L [11]▲
1201 Swanson Cleo J & Jonathan C [10]▲ 701-271-8839
1202 Bierdeman Don H & Peggy S [11]▲ 701-237-5569
1207 Gabriel Deborah A [4]▲
1208 Fremling Daniel L & Elaine J [8]▲ 701-235-8412
1214 Sklebar Kimberly A & Ron K [11]▲ 701-232-1543
1219 Seczko Andrea J & Gary S [22]▲ 701-235-4153
+ UNIVERSITY DR N INTERSECTS
HOUSEHOLDS 34

42ND AVE S (FARGO)
+ UNIVERSITY DR S CONTINUES
• ZIP CODE 58104 CAR-RT R013
1421 Kinzler Donald J & Mary L [20]▲ 701-280-1783
KINZLER'S PAINTING painters 701-232-6536
• ZIP CODE 58104 CAR-RT R010
3200 Flem P G [9] 701-298-7746
3203 Ⓓ Hovdenes Jeffrey S▲
Hovdenes Leann
3204 Traub Rodney D [7]▲ 701-239-4192
3209 AMERICAN HEART ASSN associations 701-239-8021
Perles Patrick G & Karen [3]▲ 701-298-3503
3210 Kraft Bradley A & Kimberly [2]▲ 701-364-9443
3215 Ⓓ Tran Thanh N & Amy S▲ 701-235-5935
3216 Erickson James R & Judy W [12]▲ 701-232-1424
3221 Williams Nadine K & Glenn R [9]▲ 701-293-1936
3222 Radcliffe Dwight S & Joan K [12]▲ 701-232-8664
3227 Feldner Bradley S & Laura E [8]▲ 701-461-9030
3228 Sorrelle Cheryl Y & Douglas G [8]▲ 701-293-4891
3233 Isakson Laurie M & Paul J [6]▲ 701-298-9499
3236 Olson Howard [4] 701-239-6933
Olson Nancy A 701-239-6933
3239 Delabarre Charmayne L & Gary A [5]▲ 701-298-8101
3303 Townsend James E & Carolyn E [19]▲ 701-235-2040
3304 Crabill James R Jr & Brenda L [9]▲ 701-297-0605
3309 Feltman Mary C & David H [7]▲ 701-232-1785
3310 Ⓓ Anderson David D & Teresa K▲
3315 Ⓓ Bailey Roscoe N
Nicholls Shelly M [7]▲ 701-235-6318
3316 STELLAR TRENCHING INC genl contractors 701-232-2699
Stellrecht Kurt A [8]▲ 701-297-1988
Ⓓ Teenline Kurt 701-297-1988
3321 Hubbard Karin L & Michael A [5]▲ 701-232-1562
3322 Zahrt Barbara J & Curtis S [8]▲ 701-461-9134
3327 Thimjon Heather A [3]▲ 701-364-0287
3328 Spanier Becky L & Steven L [13]▲ 701-239-1754
3333 Ryckman Le R & Marcella K [22]▲ 701-232-5155
3334 Durow Steven F & Nancy K [5]▲ 701-235-3726
3339 McMullen Greg J [9]▲ 701-293-6097
McMullen M H 701-293-6097
3340 Hansen Jay W & Michelle L [8]▲
3401 Ⓓ Roberts Nathan▲ 701-235-4631
3404 Gilles Trevor R [7]▲ 701-280-0497
3409 Saville Daniel L & Maria L [5]▲ 701-235-8730
3412 Thoemke Dustan D & Jeanna K [2]▲ 701-235-0711
3417 Peterson Daniel E & Annette Y [7]▲ 701-298-9303
3420 Peterson Darby J & Paula A [7]▲ 701-235-6926
3425 Lambrecht Nancy C & Brock L [7]▲ 701-293-5282
3428 Thomas James D & Paula G [7]▲
3433 Raymond Nathan J & Nicole L [2]▲ 701-281-8332
3436 Leingang Nancy A [13]▲ 701-235-7347
3441 Erickson John S & Lyn M [14]▲ 701-232-3891
3444 Bierdeman Mark R [4]▲
3452 Dicks Jeffery H & Trisha [3]▲ 701-526-9129
3502 Ⓓ Engen Stephanie
3503 No Current Listing
3510 Grande Donald R & Bette B [8]▲ 701-293-1729
3511 Sylvester Sharleen J & Steven D [7]▲ 701-237-6426
3518 Tretter Dale R & Sheila M [12]▲ 701-237-5579
3519 Olson Kelly [3]
Olson Katie
Sakaki Reza [2] 701-298-6027
3526 Ⓓ Rieck Rochelle J
Schroeder Don D & Claudia J [3] 701-235-1055
3527 Hoy Cynthia M & Rick D [6]▲ 701-298-7805
3534 Leeaphon Dan [3]▲ 701-293-6994
Leeaphon Fulop 701-293-6994
3535 Lively Rosanne M & Robert W [13]▲ 701-293-8089
3542 CUSTOM KIDS PHOTOGRAPHY photographers- portrait 701-237-4892
Langlie Andrea M & Mark J [7]▲ 701-237-4892
3543 Clark Diane M & Randy L [13]▲ 701-232-2961
3544 Ross Charlotte L [2] 701-476-0119
Ross Jackie 701-476-0119
3545 No Current Listing
• ZIP CODE 58104 CAR-RT R022
4283 Frank Wade D & Allison R [5]▲ 701-433-0171
4289 Reiniger Kathleen M & Mark A [3]▲ 701-356-6950
4290 Gothberg Derrick R & Traci L [3]▲ 701-282-3275
4295 Schmidt William H & Rita A [3]▲ 701-364-0838
BUSINESSES 4 HOUSEHOLDS 64

42ND AVE S (MOORHEAD)-FROM 401 41ST AVE S EAST
• ZIP CODE 56560 CAR-RT R002

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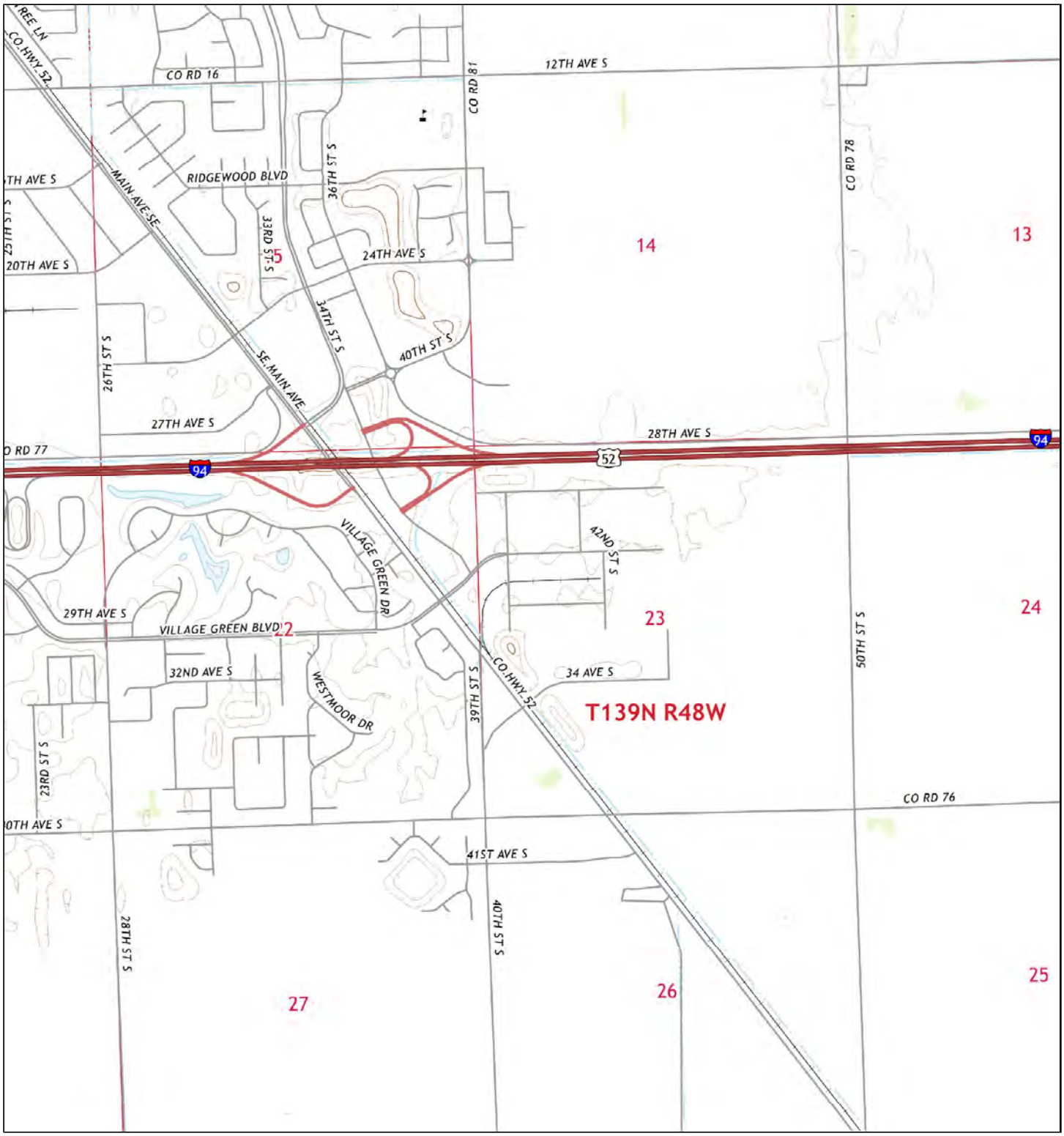
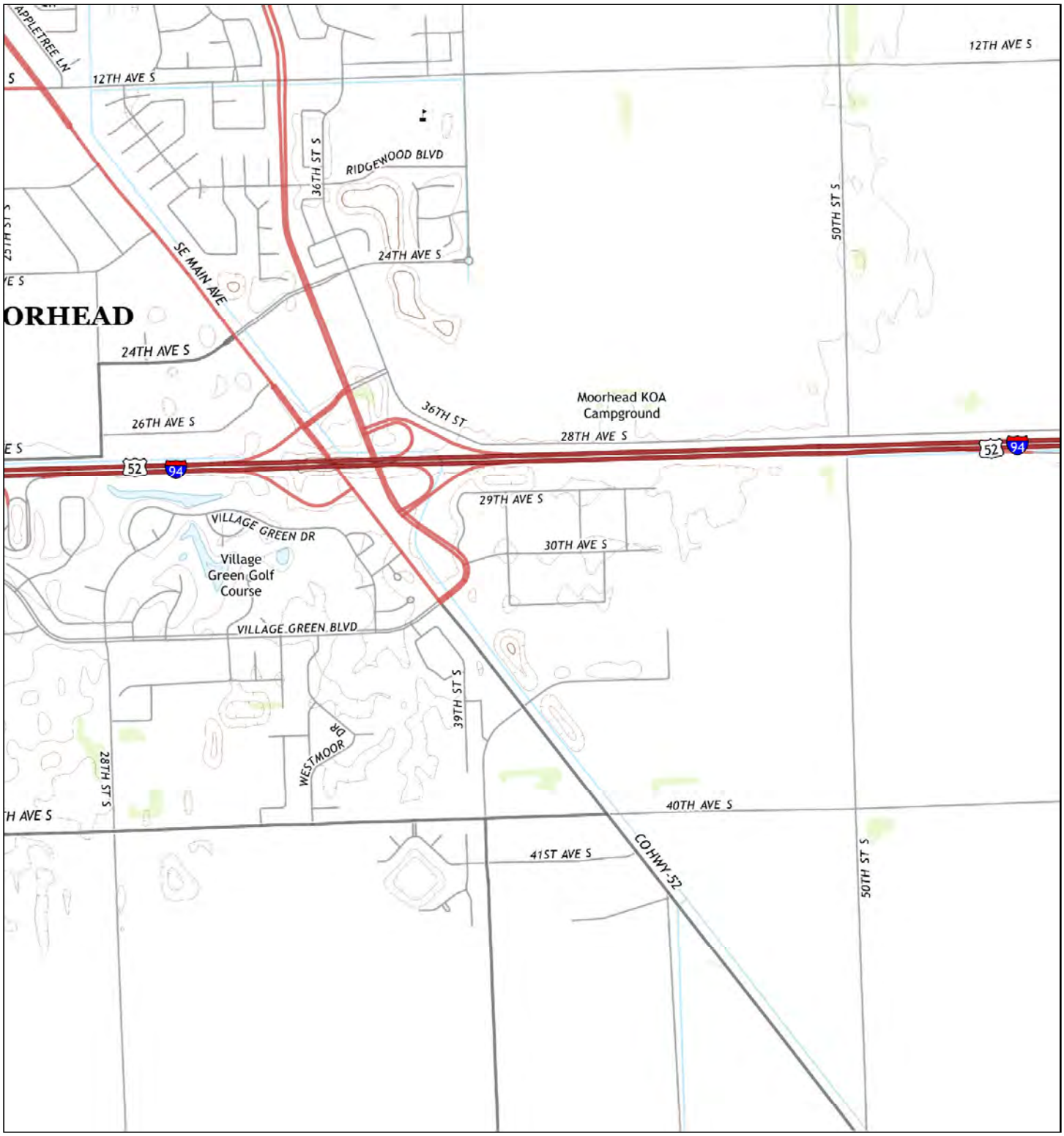
Appendix F

Historical Maps



2016	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 14N	Site information: Subject Property 4111 30th Avenue South Moorhead, MN 56560
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Wenck project #0658-0025 HIG #2023395 completed: 01/15/2019	

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Year	Topo Updates Inspected	Topo Updates Revised
All	Sabin, MN	USGS	7½' x 7½'	2016	--	--	--



2013

0 Distance in Miles 1

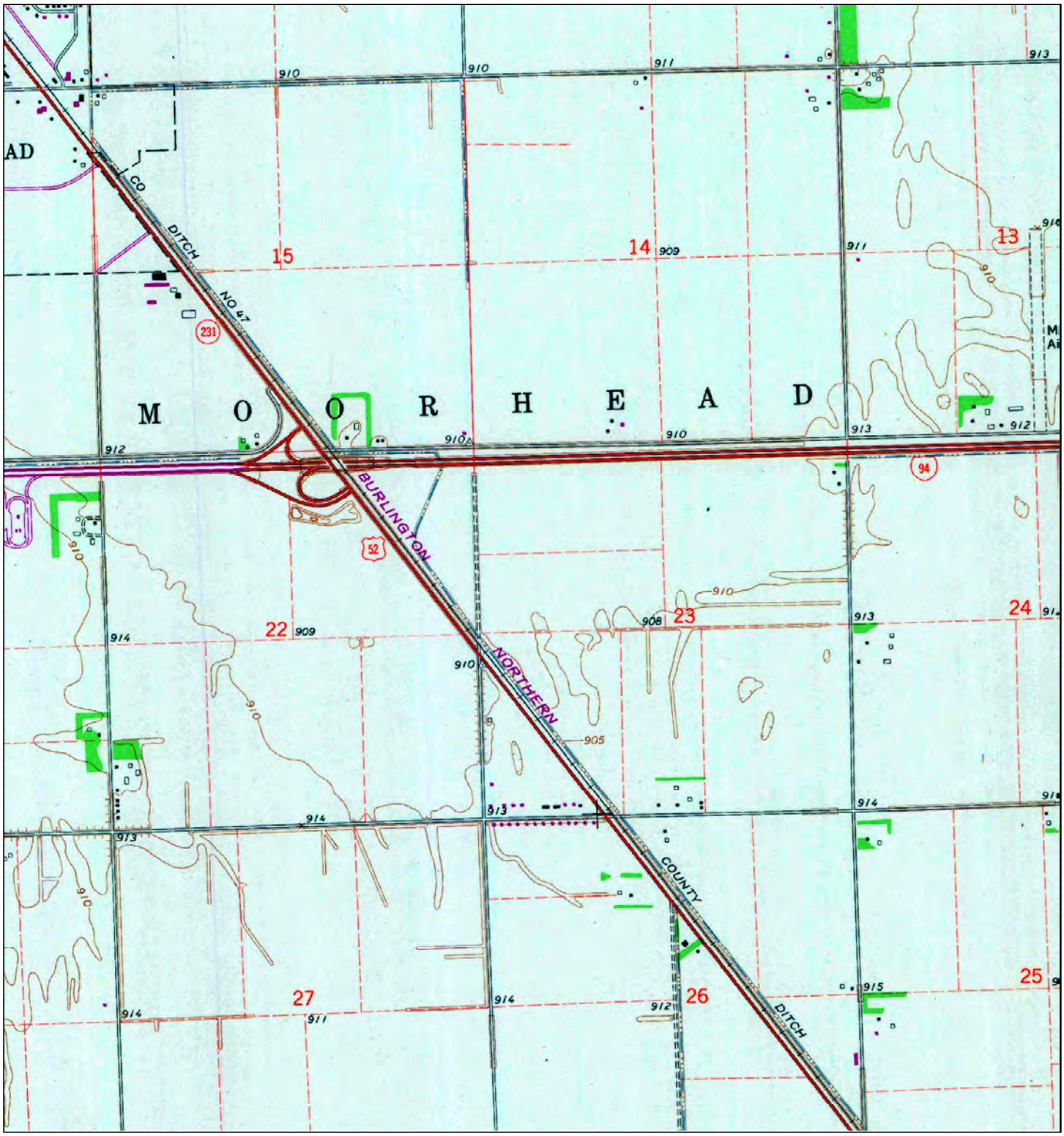
1: 24,000 (1"=2,000') NAD 1983 UTM Zone 14N

Site information:
Subject Property
4111 30th Avenue South
Moorhead, MN 56560

Unified maps show subdued modern topo features where corresponding maps of the same year were not published.

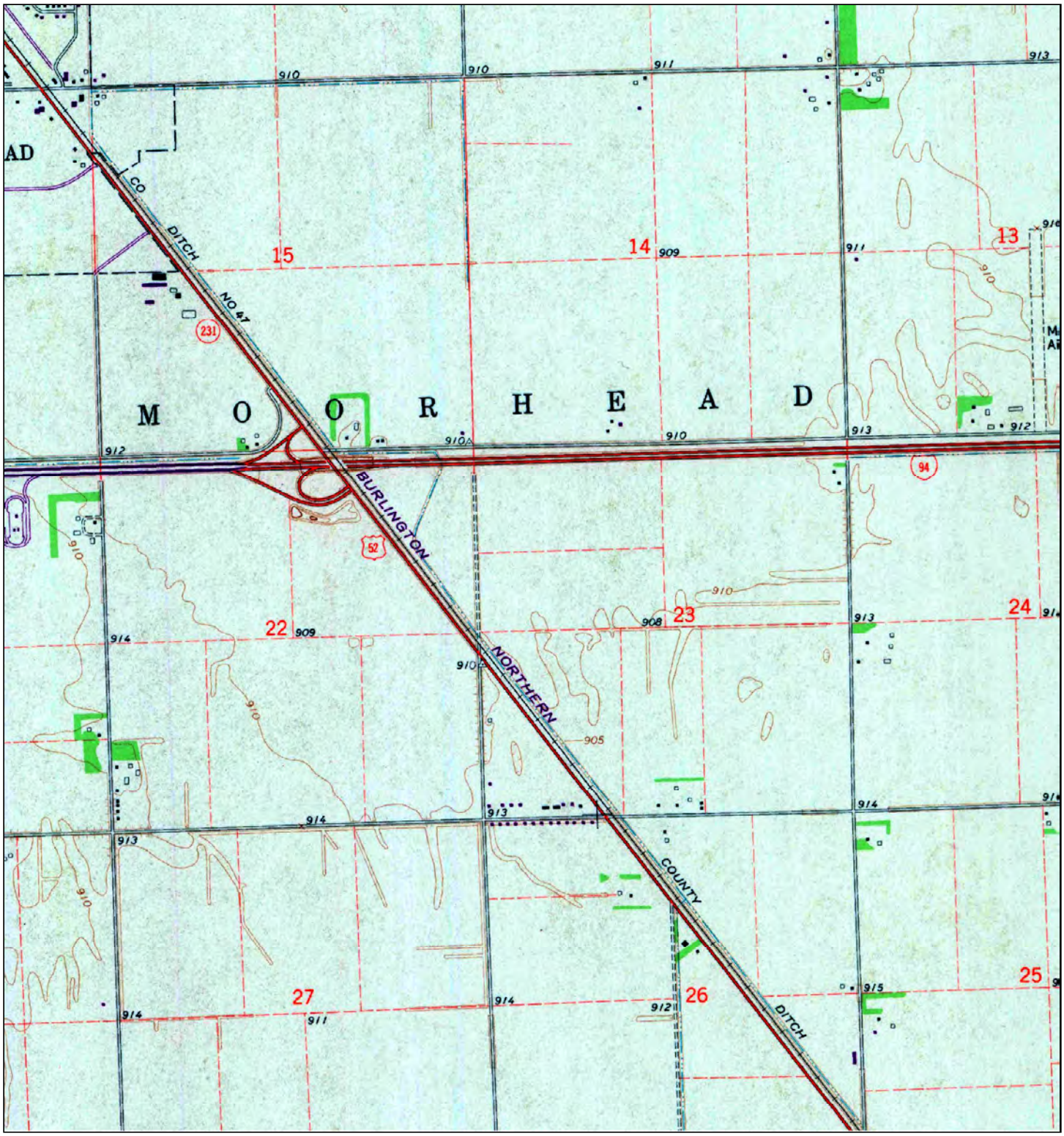
Wenck project #0658-0025
HIG #2023395 completed: 01/15/2019

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Sabin, MN	USGS	7½' x 7½'	2013	--	--	--



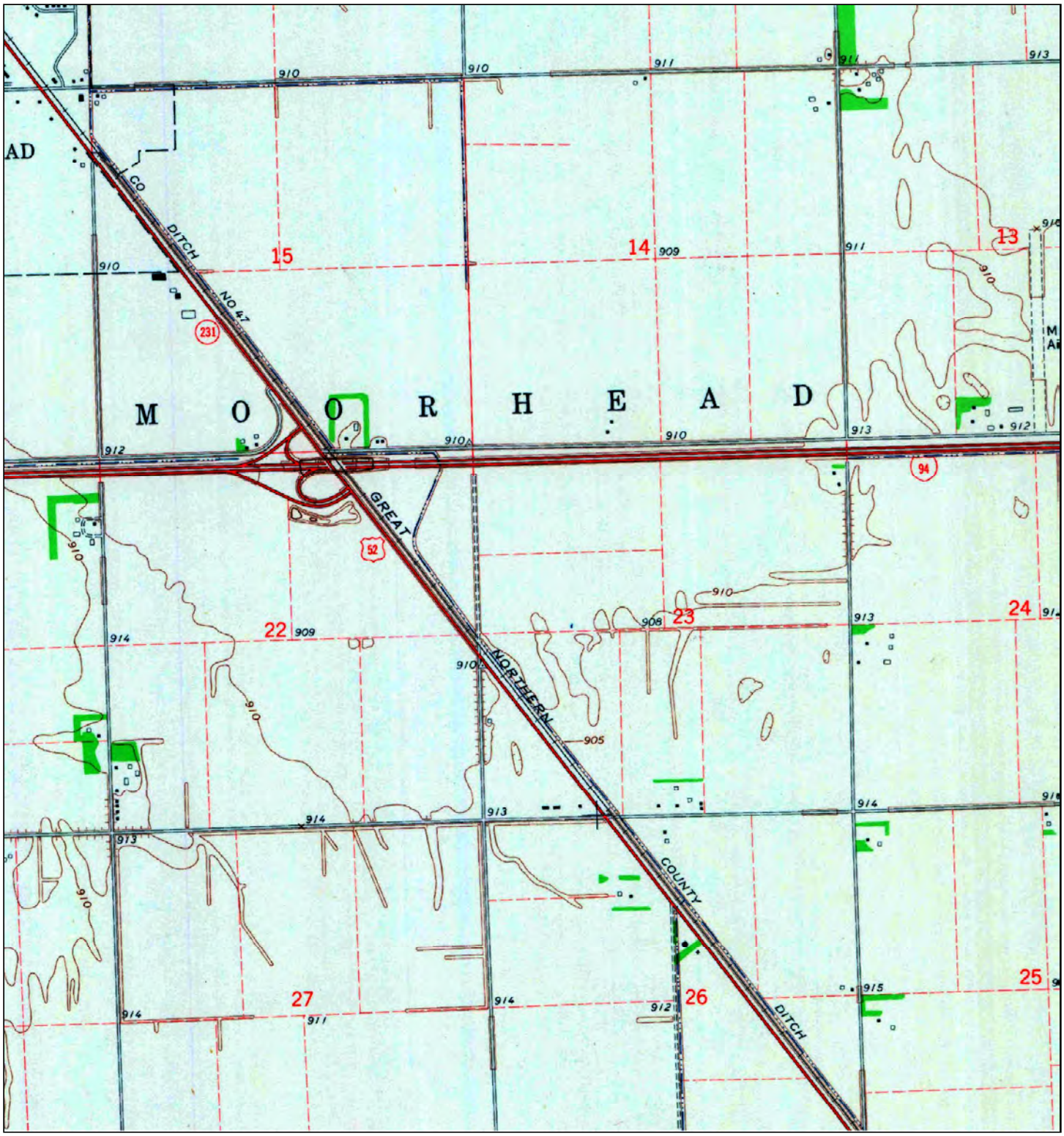
1976	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 14N	Site information: Subject Property 4111 30th Avenue South Moorhead, MN 56560
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Wenck project #0658-0025 HIG #2023395 completed: 01/15/2019	

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Sabin, MN	USGS	7½' x 7½'	1964	1971	1976	1971



1971	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 14N	Site information: Subject Property 4111 30th Avenue South Moorhead, MN 56560
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Wenck project #0658-0025 HIG #2023395 completed: 01/15/2019	

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Sabin, MN	USGS	7½' x 7½'	1964	1971	--	1971



1964	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 14N	Site information: Subject Property 4111 30th Avenue South Moorhead, MN 56560
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Wenck project #0658-0025 HIG #2023395 completed: 01/15/2019	

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Sabin, MN	USGS	7½' x 7½'	1964	1962	--	--

1897	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 14N	Site information: Subject Property 4111 30th Avenue South Moorhead, MN 56560	HIG
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.		Wenck project #0658-0025 HIG #2023395 completed: 01/15/2019	

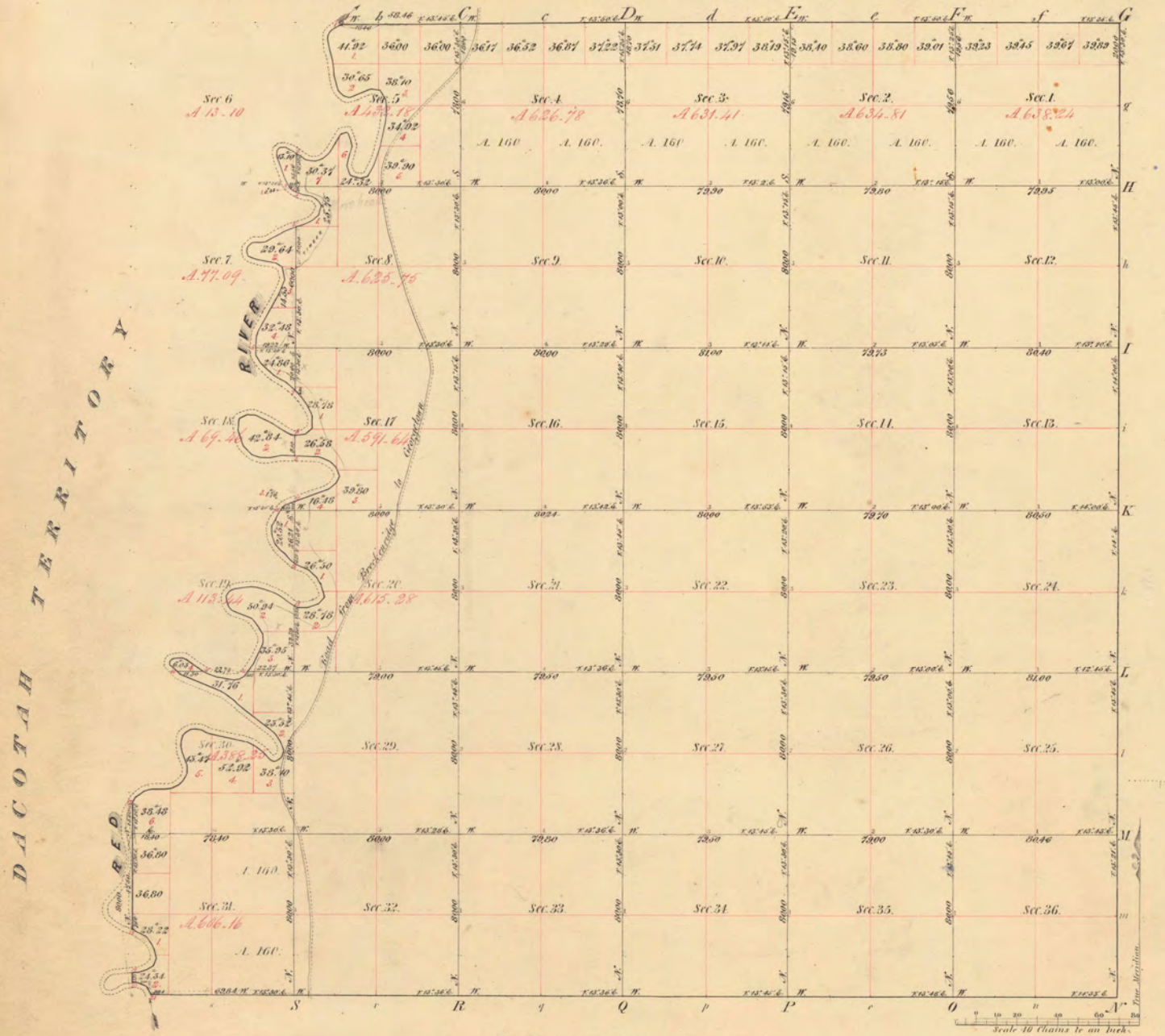
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Fargo, ND	USGS	30' x 30'	1897	--	--	--

1895	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 14N	Site information: Subject Property 4111 30th Avenue South Moorhead, MN 56560	HIG
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.		Wenck project #0658-0025 HIG #2023395 completed: 01/15/2019	

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Fargo, ND	USGS	30' x 30'	1895	--	--	--

1860

Township N.º 139. N. Range N.º 48. W.t 5th Mer: Min.



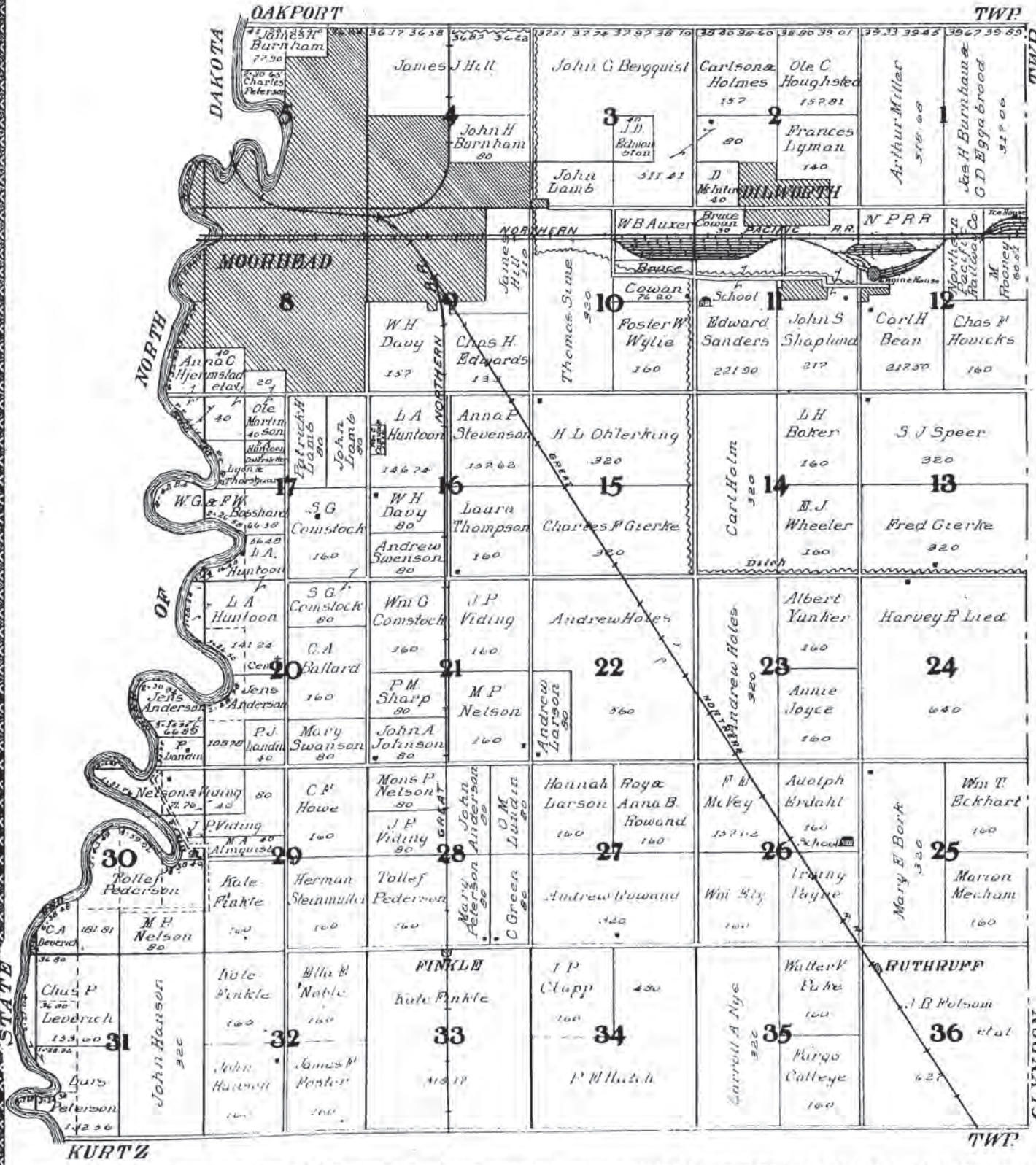
Meanders of								
Posts	Courses	Ch.s Lk.s	Posts	Courses	Ch.s Lk.s	Posts	Courses	Ch.s Lk.s

MOORHEAD

TOWNSHIP

Scale 2 inches to 1 Mile.

Part of Township 139 North Ranges 48 and 49 West of the 5th P.M.



$5000.00

LIFE INSURANCE

Age - - - 35

Annual Premium - $45.40

Ask Us About This Policy

THE FEVIG-JESTEN AGENCY

MOORHEAD, MINNESOTA

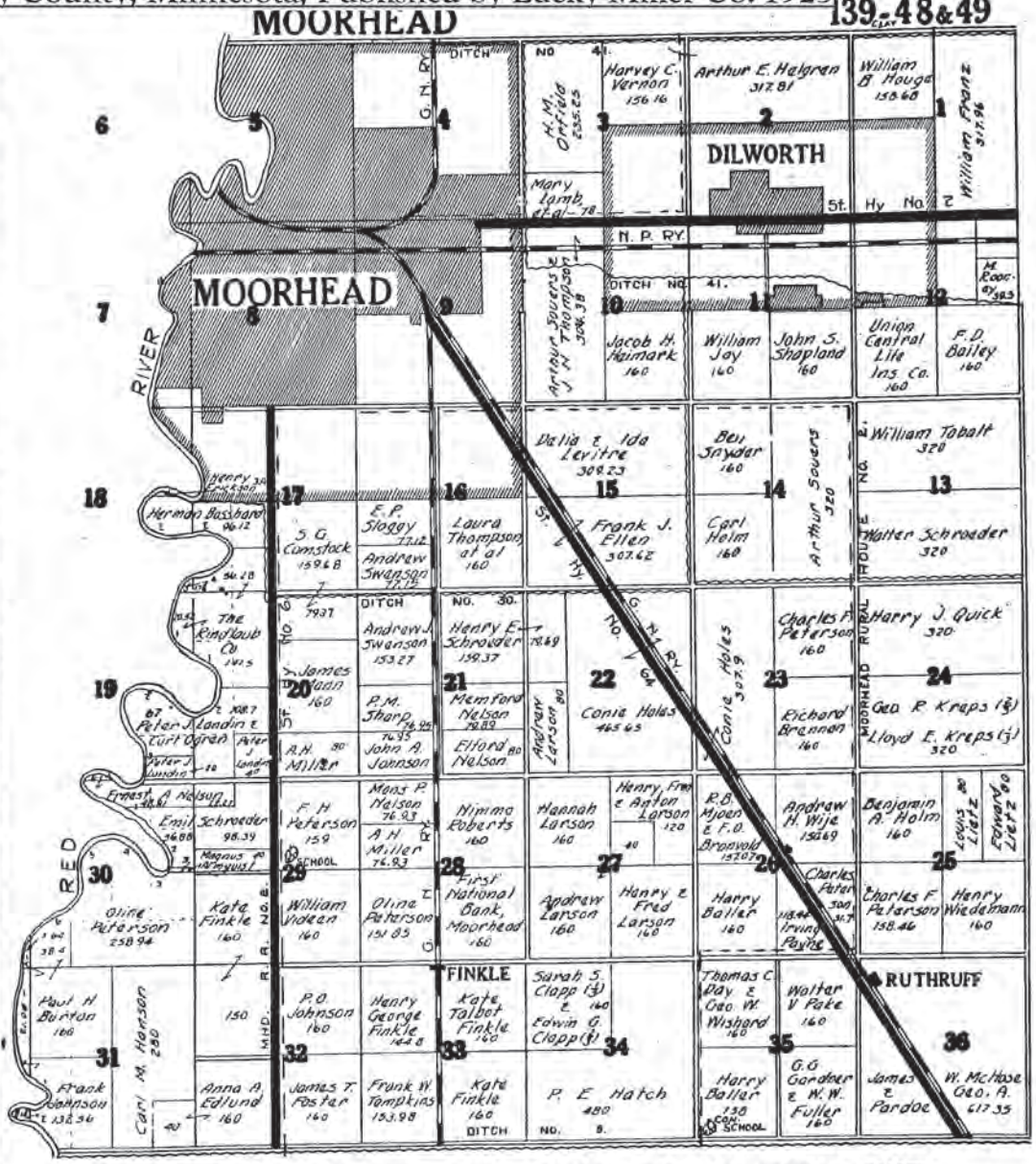
INSURANCE—ALL LINES

DILWORTH STATE BANK

Capital and Surplus $20,000.

J. WAGNER, President.
JOHN T. LAMB, Vice-President
OWEN L. LAMB, Cashier
A. B. DWYER, Asst. Cashier

DILWORTH, MINN.



FOR THAT WAGON YOU NEED. EITHER NEW OR SECOND HAND.

Appendix G

Fire Insurance Maps

Fire Insurance Maps No Coverage Statement

Site Location
Subject Property
4111 30th Avenue South
Moorhead, MN

Requested by
Wenck Associates, Inc.
1800 Pioneer Creek Center P.O. Box 249
Maple Plain, MN

HIG Project #
2023395
Client Project #
0658-0025
Date Created
01/15/2019

Historical Information Gatherers

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIM), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjacent properties.

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

Appendix H

Previous Environmental Reports

Property Solutions INC.
Environmental & Engineering Consulting
323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

PHASE I ENVIRONMENTAL ASSESSMENT

of

SunOpta – Moorhead
4111 30th Avenue South
Moorhead, Clay County, Minnesota 56560
BOA Project Number – 18-004152-ENV02-001

Prepared for:

Bank of America, NA
100 N Tryon Street
Mail Code: NC1-007-14-33
Charlotte, North Carolina 28255-0001

Prepared by:

Property Solutions Inc.
323 New Albany Road
Moorestown, New Jersey 08057

August 13, 2018

Property Solutions Project No. 20181063

Property Solutions INC.
Environmental & Engineering Consulting
323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

PHASE I ENVIRONMENTAL ASSESSMENT

of

SunOpta – Moorhead
4111 30th Avenue South
Moorhead, Clay County, Minnesota 56560
BOA Project Number – 18-004152-ENV02-001

Prepared for:

Bank of America, NA
100 N Tryon Street
Mail Code: NC1-007-14-33
Charlotte, North Carolina 28255-0001

Prepared by:

Property Solutions Inc.
323 New Albany Road
Moorestown, New Jersey 08057

Dated: August 13, 2018

Property Solutions Project No. 20181063

Glen Lee
Environmental Consultant

Stacy Durden
Senior Geologist

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and we 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 the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Glen D. Lee

Glen Lee
Environmental Consultant

S. Durden

Stacy Durden
Senior Geologist

20181063

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PROJECT SUMMARY

Client Name/User:	Bank of America, NA	Property Visit Date:	July 25, 2018
Client Contact:	Ms. Lillias Short	Construction Date:	1986
Property Solutions Project No.:	20181063	No. Bldgs./Units:	One Bldg./One Unit
Property Solutions Project Manager:	Stacy Durden	No. of Stories:	Two Stories
Phone No.:	(770) 434-1997	Bldg. Square Footage:	18,192 safe
Email:	sdurden@propertysolutionsinc.com	Property Acreage:	4.98 acres
Property Name:	SunOpta	Basement/Slab-on-grade:	Basement
Property Address:	4111 30th Avenue South	Property Use:	Former soybean processing (operations suspended September 2017)
Property Town, County, State:	Moorhead, Clay County, MN	Property History:	Agricultural land
Property Identification:	PIN 58.417.0100	Other Improvements:	Storage silos; trash enclosure; railroad spur; truck scale

Our review of general property information, observation of adjacent properties, research of historical property information, including a review of environmental records, and a property visit revealed the following:

	No Issue Identified	REC	CREC	HREC	De Minimis Conditions	ASTM Non-Scope Considerations	Refer to Section
Property Operations	X						2.4
Neighboring Properties	X						2.2
Historical Review	X						4.4.2
Previous Reports	X						4.5
Regulatory Review	X						4.3
USTs	X						4.1.1.1
ASTs	X						4.1.1.3
PCBs	X						4.1.1.4
Chemicals/Hazardous Materials/Raw Materials	X						4.1.1.6
Waste Generation/Disposal					(1)		4.1.1.7
Stressed Vegetation, Staining, and Odors	X						4.1.1.11
Surficial Disturbances	X						4.1.1.12
ACMs						(2)	4.6
Radon	X						4.1.2.1
Lead-Based Paint	X						4.1.2.2

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	No Issue Identified	REC	CREC	HREC	De Minimis Conditions	ASTM Non-Scope Considerations	Refer to Section
Lead in Drinking Water	X						4.1.2.3
Other	X						

Notes: To understand the property and report, you must read the complete report.

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

De Minimis Condition

The following de minimis condition was identified at the subject property based on the findings provided in this report:

(1) Property Solutions observed a used oil drum in the exterior storage enclosure on the south side of the building. Because operations at the facility have been suspended since September 2017, Property Solutions recommends the used oil drum be removed and properly disposed in accordance with applicable regulations.

ASTM Non-Scope Considerations

The following ASTM non-scope consideration was identified at the subject property based on the findings provided in this report:

(2) Based on the dates of construction (1986), suspect asbestos-containing materials (ACMs) may be present at the subject property. Suspect asbestos-containing ceiling tile, drywall and joint compound, and vinyl tile and mastic in overall undamaged condition were observed at the subject property at the time of the property visit.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

EXECUTIVE SUMMARY

Property Solutions Incorporated (Property Solutions) conducted a Phase I Environmental Assessment of the SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560 (subject property) at the request of Bank of America, NA.

The subject property consists of a rectangular-shaped, 4.98-acre parcel of land located on the southeast corner of the intersection of 30th Avenue South and 41st Street South. The subject property is improved with a two-story industrial building constructed circa 1986 (subject building). The subject property is also improved with numerous storage silos, truck scale, a trash enclosure, and a railroad spur. The remaining portions of the subject property are covered with the associated paved parking areas, lawn areas, and landscaping. No water bodies are located on the subject property or the adjoining properties. Vehicular access to the subject property is gained via 41st Street South along the west side of the subject property and via 30th Avenue South to the north.

The subject building consists of wood and metal frame construction with a slab-on-grade foundation. The gross area of the subject building is approximately 18,192 square feet. The subject building contained a single occupant. Interior wall finishes consisted of painted drywall. Floors were finished with 12" x 12" vinyl tiles, ceramic tiles, and carpet, as well as concrete. Ceiling finishes included 2' x 4' drop-in tiles, corrugated metal, and painted drywall. The subject building also contains a maintenance shop, an office area, a warehouse area, and electrical rooms. No renovations to the subject building were reported. The subject building is heated and cooled by natural gas and electricity.

The subject property was historically used as agricultural land prior to the construction of the subject building. SunOpta suspended operations at the facility in September of 2017 and it is currently vacant.

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

De minimis conditions are a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. The following de minimis condition was identified at the subject property based on the findings provided in this report:

(1) Property Solutions observed a used oil drum in the exterior storage enclosure on the south side of the building. Because operations at the facility have been suspended since September 2017, Property Solutions recommends the used oil drum be removed and properly disposed in accordance with applicable regulations.

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The following ASTM non-scope consideration was identified at the subject property based on the findings provided in this report:

(2) Based on the dates of construction (1986), suspect asbestos-containing materials (ACMs) may be present at the subject property. Suspect asbestos-containing ceiling tile, drywall and joint compound, and vinyl tile and mastic in overall undamaged condition were observed at the subject property at the time of the property visit.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

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1.0 INTRODUCTION

Property Solutions Inc. (Property Solutions) conducted a Phase I Environmental Assessment of SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560 (subject property) at the request of Bank of America. Bank of America is considered the User, as defined in ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The subject property is identified as PIN 58.417.0100, according to the Clay County Assessor.

A property location map is included in Appendix A.

This Phase I Environmental Assessment was conducted in general accordance with Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013. The work was authorized by the Standard Engagement Letter (SEL) dated July 17, 2018 for BOA Project Number – 18-004152-ENV02-001.

Per the ASTM practice and throughout this report, the Client will be considered the same as the User in the ASTM E 1527-13 practice.

1.1 Purpose

The purpose of a Phase I Environmental Assessment is to evaluate issues that may have an impact on the subject property and to meet the purpose of Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013 and the ASTM E 1527-13 practice. The purpose is further described in Section 8.4. This report is for the purpose of determining whether to make a loan evidenced by a note secured by the property.

1.2 Scope of Work

This Phase I Environmental Assessment was conducted in accordance with Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013.

1.3 Significant Assumptions

The significant assumptions made by Property Solutions in this report are per Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013, ASTM E 1527-13 practice, and as described further in Section 8.5.

1.4 Special Terms and Conditions

This Phase I Environmental Assessment was prepared in accordance with the stated and agreed upon Scope of Work. This Phase I Environmental Assessment was prepared in accordance with Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013. Special terms and conditions are described in Section 8.6.

1.5 Reliance

Bank of America, N.A., its employees, agents, successors and assigns may rely upon this report in evaluating a request for an extension of credit to be secured by the subject property. This report may also be used and relied upon by (a) any additional lender extending credit to be secured by the subject property (the credit to be extended by Bank of America, N.A. and such additional lender is referred to as the (Mortgage Loan") and (b) any actual or prospective purchaser, transferee, assignee, or servicer of the Mortgage Loan (or any portion thereof), any actual or prospective investor (including agent or advisor) in any securities evidencing a beneficial interest in or backed by the Mortgage Loan (or any portion thereof), any rating agency actually or prospectively rating any such securities, any indenture trustee, and any institutional provider(s) from time to time of any liquidity facility or credit support for such financing. In addition, this report or a reference to this report may be included or quoted in any offering circular, private placement memorandum, registration statement or prospectus and Property Solutions agrees to cooperate in answering questions by any of the above parties in connection with a securitization or transaction involving the Mortgage Loan (or any portion thereof) and/or such securities. This report has no other purpose and should not be relied upon by any other person or entity.

1.6 Data Gaps

The following data gaps were identified during this Phase I Environmental Assessment:

- User provided information and responsibilities
- Interviews with property owner
- Historical information

Specific information concerning data gaps are presented in each applicable section of this report.

None of the above data gaps are considered significant.

2.0 GENERAL PROPERTY CHARACTERISTICS

2.1 Property Location

Property Location	
Property Name	SunOpta
Property Address	4111 30th Avenue South
Property Town, County, State, Zip	Moorhead, Clay County, Minnesota 56560
Property Tax Identification	PIN 58.417.0100 (Clay County Assessor)
Property Topographic Quadrangle	Sabin, Minnesota
Nearest Intersection	30th Avenue South and 41st Street South
Area Description	Moderately-developed, rural industrial

An excerpt from the USGS 7.5-minute series topographic quadrangle map of Sabin, Minnesota, locating the subject property, is included in Appendix A.

2.2 Adjacent Properties

Review of neighboring properties from the subject property and from public thoroughfares, and research of available information regarding the neighboring properties, were performed to identify evidence of environmental concerns that could adversely impact the subject property. The subject property is located in an industrial area of Moorhead, Minnesota.

Direction	Property	Address	Operations
North	30th Avenue South	Not applicable	Public thoroughfare
	RESCO	4100 30th Avenue South	Electrical supplies
	ABC Supply Co., Inc.	4108 30th Avenue South	Building supplies
Northwest	Pioneer Seed	4050 30th Avenue South	Seed supplier
South	Vacant land	4102 and 4110 32nd Avenue South	No observable use
	32nd Avenue South	Not applicable	Public thoroughfare
East	Gavilon	4141 30th Avenue South	Agribusiness
West	41st Street South	Not applicable	Public thoroughfare
	Drywall Supply Central	3003 41st Street South	Contractor

Based on a review of neighboring properties from the subject property and from public thoroughfares, the neighboring properties do not appear to be of the type likely to pose a significant threat to the environmental condition of the subject property. The neighboring properties were not listed in the environmental database reviewed or Envirofacts, with the exception of 4141 30th Avenue South which was listed as a BULK facility, 4108 30th Avenue S which was listed as a WIMN and NPDES facility and 4050 320th Avenue South which was listed as a WIMN facility.

Based upon a review of the environmental database, the neighboring property is not listed as having a known, suspected, or documented release; therefore, no further action is warranted at this time. This property is further discussed in Section 4.3.2.

A property diagram including neighboring properties is included in Appendix B. Photographs including the neighboring properties are included in Appendix C.

2.3 Property Description

Property Information	
Property Ownership Name	Sunrich (Clay County Assessor)
Date of Acquisition	Not provided
Property Acreage	4.98 acres (Clay County Assessor)
Property Shape	Rectangular

Property Information	
Property Use	Vacated September 2017, formerly soybean processing, storage, packaging
Number of Buildings	One
Number of Stories	Two
Construction Date	1986 (Mr. Paquin, Plant Manager) Between 1984 and 1991 (aerial photographs)
Building Square Footage	18,192 square feet (Clay County GIS estimate)
Basement/Slab-on-grade	Slab-on-grade
Number of Units	One
Ceiling Finishes	Painted drywall, corrugated metal, 2' x 4' drop-on tiles
Floor Finishes	12" x 12" vinyl tiles, ceramic tiles, carpet, concrete
Wall Finishes	Painted drywall
HVAC (Energy Source & Type of System)	Natural gas and electric forced air system
Renovation Date	None reported
Renovation Description	N/A
Vehicular Access	Via 30th Avenue South to the north and via 41st Street South to the west
Other Improvements	Storage silos, trash enclosure, railroad spur, truck scale
Property Coverage	Footprint of the subject building, storage silos associated parking areas, lawn areas, and landscaping

A property diagram of the subject property is included in Appendix B.

2.4 Property Operations

The subject property was vacated in September of 2017 but was formerly utilized as a soybean processing plant with an elevator, bulk storage silos, and warehouse.

No industrial or manufacturing operations were observed at the subject property at the time of the property visit.

No environmental concerns were identified at the subject property based on the operations observed during the property visit.

2.5 Utilities

Property Solutions was informed by Ms. Julie Copeland, Plant Manager, that the following companies and municipality currently or formerly provided utility services to the subject property:

Utility	Provider
Electricity	Moorhead Public Service
Natural Gas	Xcel Energy
Sanitary Sewerage	Moorhead Public Service
Potable Water	Moorhead Public Service
Solid Waste Removal	Waste Management
Fuel Oil	Not provided to subject property
Steam	Not provided to subject property

3.0 ENVIRONMENTAL SETTING

3.1 Regional Physiographic Conditions

Topographic Quadrangle Name	Sabin, Minnesota
Property Elevation	Approximately 900 feet above mean sea level
Surface Gradient	Relatively level
Property Drainage	Overland flow
Regional Drainage	Northwest
Closest Perennial Water body	Red River of the North located approximately three miles west of the subject property

A copy of the USGS 7.5-minute series topographic quadrangle map of Sabin, Minnesota, is included in Appendix A.

3.2 Soil Conditions

Information Source	USDA Natural Resources Conservation Service's Web Soil Survey
Date of Information Source	Online query
Soil Name	Urban land – Aquerts complex
Description: The *Urban* land unit is in areas where more than 85 percent of the surface is covered by structures and paved areas. The natural soil cannot be observed. The *Aquerts* soils are classified as very deep, poorly-drained, derived from clayey glaciolacustrine deposits, and found on flats. A typical soil profile consists of layers of silty clay to a depth of 60 inches or more.	
Expected depth to bedrock	Greater than 80 inches

3.3 Geologic Conditions

Information Source	USGS Digital Data Series
Title of Publication	Minnesota Geologic Map Data
Date of Publication	Online query
Name of Unit	Mafic volcanic rocks
Description of Unit: Dominantly basalt that contains thin sedimentary units, including iron-formation. Includes parts of the Ely Greenstone and the Newton Lake Formation in northeastern Minnesota. Also includes metabasalt exposed in the Minnesota River Valley.	

3.4 Groundwater Conditions

Information Source	USGS
Title of Publication	Ground Water Atlas of the United States – Segment 9
Date of Publication	1992
Underlying Aquifer	Crystalline rock aquifers
Description: Generally unproductive but supply a few domestic wells where overlain by thin glacial drift. Water generally moves through secondary openings such as joints, fractures and faults. Because these openings are insignificant below depths of a few hundred feet, the availability of water is limited to this depth.	

Expected Depth to Shallow Groundwater	Greater than 20 feet
Information Source	USGS Topographic map
Expected Direction of Shallow Groundwater Flow	Northwest
Information Source	USGS Topographic map

4.0 RESULTS OF INVESTIGATION

4.1 Property Visit Observations

Property Visit Date	July 25, 2018
Property Solutions Personnel and Title	Glen Lee, Environmental Consultant
Property Escort Name	Mr. Louis Paquin
Property Escort Title	Sales Director
Property Escort Company	SunOpta
Property Escort Affiliation	Company employee
Property Escort Years of Association with Subject property: Since January 2012	
No presurvey questionnaire (PQ) was completed.	
Inaccessible Areas and Reason: None	
Weather Conditions: Clear Approximate Temperature: 72 degrees F	
No weather conditions limiting observations were noted.	
No presurvey questionnaire (PQ) was completed.	

Property Solutions observed the following areas during the property visit:

- Areas observed – office, warehouse, maintenance shop, electrical rooms, elevators
- Exterior grounds including the periphery of the subject property and subject building
- Adjoining properties from public rights-of-way

Property Solutions did not make observations under floors, above ceilings, or behind walls.

Photographs taken during the property visit are included in Appendix C.

4.1.1 ASTM Scope Considerations

4.1.1.1 Underground Storage Tanks

No evidence of underground storage tanks (USTs) was observed on the subject property during the property visit. Mr. Paquin was not aware of USTs on the subject property.

Based upon the above information, no further action is recommended.

4.1.1.2 Oil and Gas Wells and Pipelines

No evidence of existing or historic high pressure natural gas or liquid petroleum transmission pipelines or wells was observed on the subject property. Review of available property maps and other research materials did not reveal the presence of existing or historic easements for high pressure natural gas or liquid petroleum transmission pipelines or wells on the subject property.

No further action is recommended.

4.1.1.3 Aboveground Storage Tanks

No petroleum aboveground storage tanks (ASTs) were observed on the subject property during the property visit. Mr. Paquin was not aware of petroleum ASTs on the subject property.

Based upon the above information, no further action is recommended.

4.1.1.4 Polychlorinated Biphenyl-Containing Electrical Equipment

A visual review was conducted for the presence of electrical equipment that could contain polychlorinated biphenyls (PCBs), an environmentally regulated material used in dielectric fluid in some electrical equipment. Moorhead Public Service provides electrical service to the subject property.

The following table identifies the transformers observed on the subject property during the property visit:

Transformer No.	Location	Pad/Pole-Mounted	Owner	PCB Labels	Utility Company Markings	Staining/ Leaking
6403	East of office	Pad	Utility	No	Yes	No

Since the transformer is owned by Moorhead Public Service based upon observed markings and labels, and no spills or leaks were observed in the area of the transformer, this transformer is not expected to be an environmental concern at the subject property.

Per 40 CFR 761.20 PCBs at concentrations of 50 ppm or greater, or PCB Items with PCB concentrations of 50 ppm or greater, sold before July 1, 1979, for purposes other than resale may be distributed in commerce only in a totally enclosed manner after that date.

Per 15 USC Chapter 53, Subchapter I, Section 2605(e)(2)(A), except as provided under subparagraph (B), effective one year after January 1, 1977, no person may manufacture, process, or distribute in commerce or use any polychlorinated biphenyl in any manner other than in a totally enclosed manner and (i) no person may manufacture any polychlorinated biphenyl after two years after January 1, 1977, and (ii) no person may process or distribute in commerce any polychlorinated biphenyl after two and one-half years after such date.

Based on the date of construction (1986) of the subject building, the transformer is not expected to contain PCBs.

Dry-type transformers were observed in the electrical rooms. These transformers are not expected to pose a threat to the environmental condition of the subject property, due to the absence of liquid coolant.

Based upon the above information, PCB-containing electrical equipment is not expected to be an environmental concern at this time. No further action is recommended at this time.

4.1.1.5 Hydraulic Equipment

A truck scale is present at the subject property. No concerns were observed or reported with regard to the scale.

Per 40 CFR 761.20 PCBs at concentrations of 50 ppm or greater, or PCB Items with PCB concentrations of 50 ppm or greater, sold before July 1, 1979, for purposes other than resale may be distributed in commerce only in a totally enclosed manner after that date.

Per 15 USC Chapter 53, Subchapter I, Section 2605(e)(2)(A), except as provided under subparagraph (B), effective one year after January 1, 1977, no person may manufacture, process, or distribute in commerce or use any polychlorinated biphenyl in any manner other than in a totally enclosed manner and (i) no person may manufacture any polychlorinated biphenyl after two years

after January 1, 1977, and (ii) no person may process or distribute in commerce any polychlorinated biphenyl after two and one-half years after such date.

Based on the date of construction (1986) of the subject building, the hydraulic equipment is not expected to contain PCBs.

Based upon the above information, no further action is recommended.

4.1.1.6 Chemical, Hazardous Materials, and Raw Materials Storage and Usage

Chemicals stored on the subject property are minimal quantities of domestic-type cleaning chemicals. Based on observations made during the property visit, they are not expected to be an environmental concern at this time.

4.1.1.7 Waste Generation, Storage, and Disposal

Solid waste generated at the subject property consisted of domestic-type municipal waste and recyclable materials. Solid waste at the subject property is stored in dumpsters located on the subject property. Municipal solid waste generated at the subject property is removed by Waste Management. Sanitary waste generated at the subject property is discharged to the Moorhead Public Service sanitary sewerage system.

The following waste was observed to be generated and stored at the subject property during the property visit:

Waste	Location	Quantity	Spill/Leaks /Staining	Secondary Containment	Waste Manifest	Waste Handler
Used oil	Exterior enclosure	1 drum	No	No	No	Previously delivered to Centex to burn in their oil burner (as needed)

Property Solutions observed a used oil drum in the exterior storage enclosure on the south side of the building. Because operations at the facility have been suspended since September 2017, Property Solutions recommends the used oil drum be removed and properly disposed in accordance with applicable regulations.

4.1.1.8 Wells, Sumps, Pits, and Floor Drains

No wells were observed on the property during the property visit. Mr. Paquin was not aware of wells on the subject property.

Floor drains were located in the bathrooms. No staining was observed around or near the drains. Chemical storage was not observed in the proximity of the floor drains. No concerns were identified with regard to the floor drains located in the subject building.

A pit was located in the grain elevator. No staining was observed around or near the pit. The pit was observed to consist of concrete construction. The pit reportedly discharges directly to the municipal sewer. No concerns were identified with regard to the pit located in the subject building.

A sump was located in the basement. No staining was observed around or near the sump. The sump was observed to consist of plastic construction. The sump reportedly discharges directly to the municipal sanitary sewerage system. No concerns were identified with regard to the sump located in the subject building.

Based upon the above information, no further action is recommended.

4.1.1.9 Stormwater Runoff and Surface Water

The subject property is improved with the footprint of the subject building and associated paved parking areas. The remainder of the subject property consists of limited landscaped areas. Stormwater runoff is expected to exit the subject property via overland flow and enter the municipal stormwater collection system via storm drains located within the subject property's parking areas and along local roadways. Stormwater is also expected to percolate through the landscaped areas.

The 1972 Amendments to the Federal Water Pollution Control Act (commonly known as the Clean Water Act [CWA]) prohibit the discharge of any pollutant to waters of the United States from a point source unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. In 1987, the CWA was again amended by Congress to require implementation of a comprehensive national program for addressing problematic non-agricultural, non-point sources of stormwater discharge. The rules and regulations of the NPDES program are included in 40 CFR 122.26.

Stormwater permitting for a property is based on the property's Standard Industrial Classification (SIC) Code (category of industrial activity). However, the NPDES program includes a "no exposure" exemption for facilities within an applicable category of industrial activity. Based on 40 CFR 122.26 B(14), the subject property must obtain an NPDES Stormwater Discharge Permit only if material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery is exposed to stormwater. As materials and activities described above are not associated with the subject property, stormwater permitting is not expected to be applicable at this time.

No surface water bodies (i.e., springs or swamps) were observed on the subject property.

Based upon the above information, stormwater runoff and surface water are not expected to be environmental concerns at this time. No further action is recommended at this time.

4.1.1.10 Lagoons, Ponds, Septic Systems, and Separators

No evidence of lagoons, ponds, septic systems, or separators was observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

4.1.1.11 Stressed Vegetation, Staining, and Odors

No evidence of stressed vegetation, staining, or odors was noted on the subject property during the property visit.

Based upon the above information, no further action is recommended.

4.1.1.12 Surficial Disturbance

No evidence of surficial disturbances was observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

4.1.1.13 On-Property Dry Cleaners

No dry cleaning operations were observed at the subject property at the time of the property visit. Mr. Paquin was not aware of dry cleaning operations at the subject property.

No dry cleaners were identified during the historical review of the subject property. Mr. Paquin was unaware of historical dry cleaning operations at the subject property.

4.1.2 ASTM Non-Scope Considerations

4.1.2.1 Radon

The subject property is located in Zone 1 (Highest Potential) per the USEPA's Map of Radon Zones. According to the EPA's 1993 radon data, 14 canisters were placed at locations in Clay County. The mean value was 8.9 picoCuries per Liter (pCi/L). The USEPA action level is 4.0 pCi/L.

Based on the non-residential use and forced-air HVAC of the subject building, no further action regarding radon is recommended at this time.

4.1.2.2 Lead-Based Paint

Based on the date of construction of the subject building (1986), it is unlikely that lead-based paints (LBPs) were used during building construction. No further action is recommended.

4.1.2.3 Lead in Drinking Water

Drinking water for the subject property is provided by Moorhead Public Service. The Moorhead Public Service was required to perform system-wide lead screening of their water system starting in 1992, under the USEPA "Lead and Copper Regulations" (Federal Register Volume 56, No. 26460). These regulations, promulgated in June 1991, require public water systems to perform screening and provide for public notification and corrective action to reduce the lead hazards present in the water system.

Review of the Moorhead Public Service's 2016 Drinking Water Report indicated that the Moorhead Public Service public water supply has met the 90th percentile for the lead action level of 15 parts per billion (ppb), and is currently in compliance with the USEPA's Lead and Copper Regulations.

4.1.2.4 Potential Wetlands

No evidence of wetland areas was observed on the subject property during the property visit. Review of the United States Department of the Interior, National Wetland Inventory map of Sabin, Minnesota, revealed that no delineated wetlands are located on the subject property.

Based upon the above information, wetland areas are not expected to be an environmental concern at this time.

A copy of the wetland map is included in Appendix A.

4.1.2.5 Air Emissions

No major air emissions sources were identified at the subject property during the property visit.

Based upon the above information, air emissions are not considered a significant environmental concern at this time. No further action is warranted at this time.

4.2 Adjacent Property and Vicinity Observation

Review of neighboring properties from the subject property and from public thoroughfares, and research of available information regarding the neighboring properties, were performed to identify evidence of environmental concerns that could adversely impact the subject property. The subject property is located in an industrial area of Moorhead, Minnesota.

Based on a review of neighboring properties from the subject property and from public thoroughfares, the neighboring properties do not appear to be of the type likely to pose a significant threat to the environmental condition of the subject property. The neighboring properties were not listed in the environmental database reviewed or Envirofacts, with the exception of the following.

- 4141 30th Avenue South: BULK
- 4050 30th Avenue South: WIMN
- 4108 30th Avenue South: WIMN and NPDES

The adjacent properties are further discussed in Section 2.2.

4.3 Results of Regulatory Agency List Review and File Research

4.3.1 USEPA Envirofacts

Property Solutions contacted the United States Environmental Protection Agency (USEPA) through an on-line search via the Internet to obtain information concerning the subject property. Property Solutions performed a search of Envirofacts, a USEPA-generated website that integrates data extracted from five major USEPA program systems: Aerometric Information Retrieval System (AIRS)/AIRS Facility Subsystem (AFS), Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), Permit Compliance System (PCS), Resource Conservation and Recovery Information System (RCRIS) and Toxic Chemical Release Inventory System (TRIS), using two integrating databases: Facility Index System (FINDS) and Envirofacts Master Chemical Integrator (EMCI).

Property Solutions generated a printout of all facilities under the programs identified above that are located within the subject property's zip code (56560). The subject property and adjoining properties were not listed among the sites identified during the query search. The query was executed on November 22, 2015.

A copy of the search results is included in Appendix I.

4.3.2 Environmental Database Information

As part of the Phase I Environmental Assessment, Property Solutions utilized Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut, as an information source for regulatory agency environmental database records. The environmental database was dated July 20, 2018.

Data supplied by EDR is included in Appendix J. This database also includes the required documentation of sources checked as per Section 8.1.8 of the ASTM standard.

The following summary of the database information is divided into two columns. The first column lists sites as identified and located by EDR within the specified distance of the subject property. The second column lists orphan sites, which could not be located by EDR due to incomplete and/or inaccurate address information included in the United States Environmental Protection Agency (USEPA)/state databases, which Property Solutions identified as potentially lying within the search distance.

Although the exact locations of the orphan sites are frequently unknown, Property Solutions attempts to evaluate the potential adverse environmental impact that these sites may have on the subject property. This evaluation consists of reviewing street names in an effort to learn whether the street on which the site is located lies within the search distance of the subject property, a drive-by view of surrounding properties during the site visit, and evaluating the site type and information provided by government agencies. The orphan sites included in the following table are those Property Solutions identified as potentially located within the identified search distance. A complete list of sites is included in Appendix J.

Environmental Database Summary

Database	Search Distance	Plottable	Orphan
National Priorities List	1 Mile	0	0
State/Tribal Hazardous Waste Sites	1 Mile	0	0
RCRA Corrective Action Treatment/Storage/ Disposal (TSD) Facilities (CORRACTS)	1 Mile	0	0
Delisted National Priorities List	½ Mile	0	0
Superfund Enterprise Management System (SEMS) Sites (formerly CERCLIS)	½ Mile	0	0
SEMS-ARCHIVE Sites (formerly CERCLIS No Further Remedial Action Planned)	½ Mile	0	0
RCRA Non-Corrective Action TSD Facilities	½ Mile	0	0
State/Tribal Voluntary Cleanup Sites	½ mile	0	0
State/Tribal Brownfield Sites/CERCLIS Equivalent	½ mile	0	0
State/Tribal Leaking Registered Storage Tank Sites	½ Mile	0	0
State/Tribal Solid Waste Landfill Sites/Facilities	½ Mile	1	0
Historic Landfills	½ Mile	0	0
Federal/State/Tribal Engineering Controls Registries	½ Mile	0	0
Federal/State/Tribal Institutional Controls Registries	½ Mile	0	0
Whats In My Neighborhood (WIMN)	½ Mile	26	0
RCRA Large Quantity Generators	Subject property and Adjoining Properties	0	0
RCRA Small Quantity Generators	Subject property and Adjoining Properties	0	0
RCRA Non Generators	Subject property and Adjoining Properties	0	0
State/Tribal Registered Storage Tank Sites	Subject property and Adjoining Properties	0	0
BULK Sites	Subject property and Adjoining Properties	1	0
Manifest	Subject property	0	0
Spill/Release Sites	Subject property	0	0

Database	Search Distance	Plottable	Orphan
Facility Index System (FINDS)	Subject property	0	0
Emergency Response Notification System	Subject property	0	0
Tier 2	Subject property	1	0

Database Summary

A complete copy of the database report is attached as an appendix to this report. Those sites noted within the search distance with a closed status from regulators, or not listed with known, documented, or suspected release sites will not be discussed below but can be referred to in the database report. The above sites are not expected to significantly impact the subject property based on the regulatory status listed. In addition, those remaining sites which are expected to be hydraulically downgradient, at a sufficient distance from the subject property, or due to the urban setting and density of the area, will not be discussed below but can be referred to in the database report. These above sites are not expected to significantly impact the subject property based on the above factors and as per ASTM E 1527-13.

The following is a discussion of the database findings:

Subject and Adjoining Properties

The subject property was listed as a Tier 2 site. The adjoining properties were listed as follows.

- 4141 30th Avenue South: BULK
- 4050 30th Avenue South: WIMN
- 4108 30th Avenue South: WIMN/ NPDES

Per ASTM 1527-13, if the property or any of the adjoining properties is identified on one or more of the standard environmental record sources in 8.2.1, pertinent regulatory files and/or records associated with the listing should be reviewed in accordance with 8.1.1 through 8.1.8. The purpose of the regulatory file review is to obtain sufficient information to assist the environmental professional in determining if a recognized environmental condition, historical recognized environmental condition, controlled recognized environmental condition, or a de minimis condition exists at the property in connection with the listing. If, in the environmental professional's opinion, such a review is not warranted, the environmental professional must explain within the report the justification for not conducting the regulatory file review. As an alternative, the environmental professional may review files/records from an alternative source(s).

Record information that is not publicly available, obtainable within reasonable cost and time constraints, or practically reviewable is considered as being not reasonably ascertainable and is beyond the scope of the Phase I Environmental Assessment. Record information that costs greater than $125 to obtain or requires more than two hours of environmental scientist time to obtain and review is beyond the scope of the Phase I Environmental Assessment.

Further information regarding these listings is provided below.

Tier 2

1.	Site Name:	Earthwide Processors
	Address:	4111 30th Avenue South
		Moorhead, Minnesota
	Facility ID No.:	141450051
	Reporting Year:	2004
	Chemical Name:	Grain dust

BULK

1.	Site Name:	Gavilon Fertilizers
	Address:	4141 30th Avenue South
		Moorhead, Minnesota
	License No.:	20148688
	Distance:	Adjacent property
	Direction:	East
	Gradient:	Upgradient
	Facility Type:	Bulk pesticide/fertilizer storage

WIMN

1.	Site Name:	Pioneer Hi-Bred International
	Address:	4050 30th Avenue South
		Moorhead, Minnesota
	Distance:	Adjacent property
	Direction:	Northwest
	Gradient:	Downgradient
	Status:	Active
	Activity:	Hazardous Waste, small quantity generator
2.	Site Name:	New Parking Lot
	Address:	4108 30th Avenue South
		Moorhead, Minnesota
	Distance:	Adjacent property
	Direction:	North-Northeast
	Gradient:	Upgradient
	Status:	Active
	Activity:	Construction Stormwater

The potential for obvious vapor encroachment from volatile organic compounds and petroleum products on the subject property or from nearby properties listed in the above databases with known or suspected releases was evaluated.

No activity and use limitations at the subject property indicating vapor encroachment was identified during this assessment.

Based on standard sources reviewed in Section 4.0 and observations made during the property visit, no significant releases of chemicals of concern have occurred on the subject property. No significant release of chemicals of concern has occurred on the adjacent properties.

Based on the above information, no further action is recommended at this time regarding potential vapor encroachment at the subject property.

4.3.3 Local Lists

The below local types of records were researched or requested from third parties, the Key Site Manager or local regulatory agencies:

- Local Brownfield Lists
- Local Lists of Landfill/Solid Waste Disposal Sites
- Local Lists of Hazardous Waste/Contaminated Sites
- Local Lists of Registered Storage Tanks
- Local Land Records (For AULs)
- Records of Emergency Release Reports
- Records of Contaminated Public Wells

The above information is discussed in Sections 4.3.1, and 4.4.4 and was duplicative of those sections.

4.3.4 Database Proprietary Lists

The subject property and adjoining properties were not listed in the EDR proprietary information searched in the EDR database.

4.4 Results of Property History and Land Use Review

4.4.1 User Provided Information and Responsibilities

This section is to describe tasks to be performed by the User. The "All Appropriate Inquiries" (AAI) Final Rule (40 CFR Part 312) requires that these tasks be performed by or on behalf of a party seeking to qualify for an LLP to CERCLA liability. While such information is not required to be provided to the environmental professional, the environmental professional shall request that the user provide the results of these tasks as such information can assist the environmental professional in identifying recognized environmental conditions.

Per the ASTM standard, the environmental professional shall note in the report whether or not the User has reported to the environmental professional information pursuant to Section 6 of the ASTM standard.

Bank of America (User) is performing the Phase I Environmental Assessment for determining whether to make a loan evidenced by a note secured by the property and not for pre-purchase due diligence.

Since Bank of America has only recently become involved with the subject property, their knowledge of the subject property and environmental conditions is limited to information provided by the mortgage broker, previous investigations provided by the borrower broker, and by the borrower. Therefore, it is not expected that data gaps created by unanswered questions of the User (Bank of America) are significant. It is expected that Bank of America has facilitated interviews and information exchange with those knowledgeable of the property as best as possible.

There is a specific exemption, the so-called "lender liability" exemption, for a person, who without participating in the management of a facility, holds indicia of ownership primarily to protect his or her security interest in the vessel or facility (42 USC 9601(20)(A)(iii)).

In September 1996, Congress passed the Asset, Conservation, Lender Liability, and Deposit Insurance Act [Title II, Subtitle E, Sections 2502-2505 of the 1996 Omnibus Appropriations bill]. Reportedly, under the act, lenders that do not exercise decision making control over the property during the term of the loan will not risk federal liability.

User Questionnaire

The User has chosen not to complete the questionnaire citing a lack of pertinent knowledge of the environmental condition of the property in their role solely as a secured creditor. As Bank of America has no specific knowledge of the property unless otherwise noted and operations, they requested the consultant pursue this information.

As Bank of America did not complete the User Questionnaire, per the ASTM standard, this is considered a data gap; however, the data gap is not considered significant.

Title and Judicial Records

Per ASTM E 1527-13 Section 6.2, the User is required to provide and/or report to the environmental professional any environmental liens or activity and use limitations (AULs) so identified for the subject property. The environmental professional per the ASTM practice is not responsible to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations.

No title records or information was provided to Property Solutions by the User.

The User did not request Property Solutions to coordinate with a title company or title professional to undertake a review of Recorded Land Title records and judicial records for environmental liens or AULs.

Therefore, no title records were searched and no information was provided for environmental liens and AULs which is the responsibility of the User. Per the ASTM standard this is considered a data gap.

Environmental Liens or Activity and Use Limitations

Per ASTM E 1527-13 the User is required to provide and/or report to the environmental professional any environmental liens or AULs so identified for the subject property. The environmental professional per the ASTM practice is not responsible to undertake a review of information to identify environmental liens or AULs.

The User did not provide information on environmental liens and AULs. The User is not aware of environmental liens or AULs.

The User is not the owner, operator, prospective purchaser or tenant of the subject property.

Knowledge of the User

Per the ASTM standard, the Users must take into account their specialized knowledge to identify conditions indicative of releases or threatened releases. If the user has any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property, the user should communicate any information based on such specialized knowledge or experience to the environmental professional. The user should do so before the environmental professional conducts the property visit.

Since Bank of America has only recently become involved with the subject property, their knowledge of the subject property and environmental conditions is limited to information provided by the mortgage broker, previous investigations provided by the borrower or broker, and by the borrower. As Bank of America has no specific knowledge of the property and operations, they requested the consultant pursue this information.

The key site manager had no specialized knowledge, actual knowledge, experience, or commonly known and reasonably ascertainable information within the local community concerning recognized environmental conditions at the subject property.

Valuation Reduction for Environmental Issues

Per the ASTM standard, in a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The User should try to identify an explanation for a significantly lower price which does

not reasonably reflect fair market value if the property was not contaminated, and make a written record of such explanation. The ASTM standard does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property.

This report was prepared for potential pre-lending purposes and not for a purchase.

Reason for Performing the Phase I Environmental Assessment

Bank of America (User) is performing the Phase I Environmental Assessment for determining whether to make a loan evidenced by a note secured by the property and not for pre-purchase due diligence.

Helpful Documents Provided Prior to Property Visit

Per the ASTM standard, prior to the property visit, the property owner, key site manager (if any is identified), and User (if different from the property owner) shall be asked if they know whether any of the documents below exist and if so, whether copies can and will be provided within reasonable time and cost constraints including partial information. This information is to be provided prior to or at the beginning of the property visit.

Documents	User		Key Site Manager		Property Owner	
	Exist	Provided	Exist	Provided	Exist	Provided
ESA reports	No response	NA	No	NA	No response	NA
Environmental compliance audit reports	No response	NA	No	NA	No response	NA
Environmental permits	No response	NA	No	NA	No response	NA
UST/AST registrations	No response	NA	No	NA	No response	NA
Underground Injection permits	No response	NA	No	NA	No response	NA
MSDSs	No response	NA	Yes	Yes	No response	NA
Community Right-to-Know plan	No response	NA	No	NA	No response	NA
Safety plans	No response	NA	No	NA	No response	NA
SPCC plans	No response	NA	No	No	No response	NA
Emergency preparedness and prevention plans	No response	NA	No	No	No response	NA
Hydrogeologic reports	No response	NA	No	NA	No response	NA
Government agency correspondence and violations	No response	NA	No	NA	No response	NA
Hazardous waste generator notices or reports	No response	NA	No	No	No response	NA

Documents	User		Key Site Manager		Property Owner	
	Exist	Provided	Exist	Provided	Exist	Provided
Geotechnical studies	No response	NA	No	NA	No response	NA
Risk assessments	No response	NA	No	NA	No response	NA
Recorded AULs	No response	NA	No	NA	No response	NA
Environmental liens	No response	NA	No	NA	No response	NA
Other	No response	NA	No	NA	No response	NA

No response to our request for the above helpful documents was provided by the User or Property Owner. This is considered a data gap.

Proceedings Involving the Property

Per the ASTM standard, prior to the site visit, the User (if different from the property owner), Key site manager (if any is identified), and property owner shall be asked whether they know of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

The key site manager indicated based on a response dated July 25, 2018 via interview that they have no knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

The User, Key site manager, and property owner did not respond to the questions whether they have any knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

The lack of response is considered a data gap.

User Identified Personnel

As per ASTM E1527-13, Property Solutions requested information for current and past property personnel. The information and contacts below were identified and/or provided by the User/Client.

	Name	Company
User	Ms. Lillias Short	Bank of America, NA
Key Site Manager	Mr. Louis Paquin	SunOpta
Current Property Owner Representative	Mr. Bill Looser	SunOpta

4.4.2 Historical Property Information

The history of the subject property was researched to evaluate potential historical uses of the subject property of environmental concern.

The below standard historical sources were researched:

Standard Historical Source Summary

Historical Source	Source Checked?	Source	Earliest Date Obtained
Aerial Photos	Yes	EDR/TerraServer	1939
Fire Insurance Maps	Yes	EDR	No Coverage
Property Tax File	Yes	Clay County Assessor	2015
Recorded Land Title Records	No	N/A	N/A
USGS 7.5 Minute Topo Maps	Yes	USGS	1964
Local Street Directories (city directories)	Yes	Moorhead Public Library	No coverage
Building Department Records	Yes	City of Moorhead	1997
Zoning/Land Use Records	Yes	City of Moorhead	1997
Other Historical Sources	No	N/A	N/A
Miscellaneous Maps/Plans	No	N/A	N/A
Newspapers	No	N/A	N/A
Records	No	N/A	N/A
Other Directories/ Phone books	No	N/A	N/A
Prior Use Interviews	Yes	Property Contact	2018
Previous Reports	No	N/A	N/A
Chain of Title	No	N/A	N/A
AULs and Environmental Liens	No	N/A	N/A

Based on the above information and sources searched above, per ASTM E 1527-13 historical use information is deemed sufficient to comply with ASTM E 1527-13 concerning Data Failure.

Historical Property Information

The following is a summary of the historical use of the subject property based on a review of the standard historical source information that is further described below:

Decade	Property Use	Standard Source/Source
1900	No information reasonably ascertainable	Not applicable
1910	No information reasonably ascertainable	Not applicable
1920	No information reasonably ascertainable	Not applicable
1930	Agricultural land	1939 Aerial Photographs/EDR
1940	Agricultural land	1948 Aerial Photographs/EDR
1950	Agricultural land	1952 Aerial Photographs/EDR
1960	Agricultural land	1962 Aerial Photographs/EDR
1970	Agricultural land	1979 Aerial Photographs/EDR
1980	Undeveloped land	1984 Aerial Photographs/EDR
1990	Developed with the subject building and elevator.	1991 Aerial Photographs/EDR
2000	No Major Changes	2005, 2006, 2008 and 2009 Aerial Photographs/EDR
2010	No Major Changes	2010, 2014 and 2015 Aerial Photographs/EDR and TerraServer

City Directories

Property Solutions contacted Reference Librarian of the Moorhead Public Library requesting information on historical city directories for Moorhead, Minnesota. According to the Reference Librarian, no city directories are available for the subject property in the Moorhead Public Library collection.

Aerial Photographs

Years	1939, 1948, 1952, 1962, 1979
Information Source	EDR
Description of Subject Property: Agricultural land	
Description of Northerly Adjoining Property: Agricultural land	
Description of Southerly Adjoining Property: Agricultural land	
Description of Easterly Adjoining Property: Agricultural land	
Description of Westerly Adjoining Property: Agricultural land	

Year	1984
Information Source	EDR
Description of Subject Property: Undeveloped, cleared land with a railroad spur	
Description of Northerly Adjoining Property: Developed with a road and beyond is undeveloped, cleared land.	
Description of Southerly Adjoining Property: Undeveloped, cleared land	
Description of Easterly Adjoining Property: Undeveloped, cleared land	
Description of Westerly Adjoining Property: Developed with a road and beyond is undeveloped, cleared land.	

Year	1991
Information Source	EDR
Description of Subject Property: Developed with the subject building and storage bins and a railroad spur.	
Description of Northerly Adjoining Property: No major changes	
Description of Southerly Adjoining Property: No major changes	
Description of Easterly Adjoining Property: No major changes	
Description of Westerly Adjoining Property: No major changes	

Years	2005, 2006, 2008, 2009, 2010 2014, 2015
Information Source	EDR TerraServer
Description of Subject Property: No major changes	
Description of Northerly Adjoining Property: Developed with a road and beyond with structures similar in configuration to the present-day industrial buildings.	
Description of Southerly Adjoining Property: Undeveloped lot	
Description of Easterly Adjoining Property: Developed with a structure similar in configuration to the present-day industrial building.	
Description of Westerly Adjoining Property: Developed with a road and beyond with a structure similar in configuration to the present-day industrial building.	

Review of the aerial photographs revealed that the subject building was constructed after 1984 and prior to 1991. The aerial photographs revealed that the subject property consisted of agricultural land prior to the construction of the subject building.

No evidence of environmental concern on or adjacent to the subject property was revealed during a review of the aerial photographs.

Copies of the aerial photographs are included in Appendix E.

Fire Insurance Maps

Fire insurance maps that include the subject property were requested from Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut. EDR has informed Property Solutions that no historical map coverage is available for the subject property in the EDR historical map collection.

A copy of EDR's statement of no coverage is included in Appendix F.

Topographic Quadrangle Map

Topographic Quadrangle Map Name	Sabin, Minnesota
Year published	1964
Aerial photograph year map based on	1962
Year photorevised	1971
Aerial photograph year photorevision based on	1971
Color of photorevisions	Purple
Description of Subject Property: Depicted as vacant land.	
Description of Northerly Adjoining Property: Depicted as vacant land.	
Description of Southerly Adjoining Property: Depicted as vacant land.	
Description of Easterly Adjoining Property: Depicted as vacant land.	
Description of Westerly Adjoining Property: Depicted as vacant land.	

No environmental concerns were identified based upon a review of the Sabin, Minnesota topographic quadrangle map.

A portion of the USGS 7.5-minute series topographic quadrangle map of Sabin, Minnesota, which includes the subject property, is included in Appendix A.

Prior Use Interviews

Property Contact Name	Mr. Louis Paquin
Property Contact Title	Sales Director
Property Contact Company	SunOpta
Association with Property	Property employee
Years Associated with Subject property	Since 2012

Property History: Mr. Paquin was not familiar with the history of the subject property.

Other Information: No environmental concerns were noted.

No environmental concerns were identified during the interview with Mr. Paquin.

Historical Use Summary

Based on a review of the historical sources, the subject property consisted of undeveloped and agricultural land prior to construction in 1986.

Per ASTM E 1527-13, "8.3.2 Uses of the Property—All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources in 8.3.4.1 through 8.3.4.8 as are necessary and both reasonably ascertainable and likely to be useful (as

described under Data Failure in 8.3.2.3). Such confirmation may come from one or more of the standard historical sources specified in 8.3.4.1 through 8.3.4.8, or it may come from other historical sources (such as someone with personal knowledge of the property; see 8.3.4.9). However, checking other historical sources (see 8.3.4.9) is not required. For purposes of 8.3.2, the term "developed use" includes agricultural uses and placement of fill dirt. The report shall describe all identified uses, justify the earliest date identified (for example, records showed no development of the property prior to the specific date), and explain the reason for any gaps in the history of use (for example, data failure)."

Per ASTM E 1527-13, "8.3.2.3 Data Failure—the historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data Failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Data failure is not uncommon in trying to identify the use of the property at five year intervals back to first use or 1940 (whichever is earlier). Notwithstanding a data failure, standard historical sources may be excluded if: (1) the source is not reasonably ascertainable, or (2) if past experience indicates that the source is not likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives. Other historical sources specified in 8.3.4.9 may be used to satisfy the objectives, but are not required to comply with this practice. If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion. If the data failure represents a significant data gap, the report shall comment on the impact of the data gap on the ability of the environmental professional to identify recognized environmental conditions."

Based on the above information and standard historical sources searched, data failure has occurred. However, historical use information is deemed sufficient to comply with the ASTM Standard.

Standard historical information is included in the appendices of this report.

4.4.3 Interviews

The objective of interviews is to obtain information indicating Recognized Environmental Conditions in connection with the subject property as well as AULs. Property Solutions interviewed or made good faith efforts to interview the following:

Represents	Interviewed	Name and title	Comments
Current Property Owner	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Previous Property Owner	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Owner Representative	Yes	Mr. Bill Looser VP, EHS SunOpta	No concerns identified during the interview.
Previous Property Owner Representative	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.

Represents	Interviewed	Name and title	Comments
Key Site Manager	Yes	Mr. Louis Paquin, Sales Director	No concerns identified during the interview.
Previous Key Site Manager	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Occupants	Yes	Mr. Louis Paquin, Sales Director	No concerns identified during the interview.
Previous Property Occupants	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Major Occupant	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Previous Property Major Occupant	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Operator	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Previous Property Operator	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Neighboring Property Owner	No	Not applicable	Subject property is not considered an abandoned property where there is evidence of potential unauthorized uses of the abandoned property or evidence of uncontrolled access to the abandoned property, therefore no interview with the neighboring property owners was performed.
Neighboring Property Occupants	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.

4.4.4 Property Specific Records

During the course of the assessment of the subject property, Property Solutions contacted the following local, county, and state agencies and companies via phone, letter, or in person.

Department of Health

Agency name	Clay County Public Health Department
Contact name	Not provided
Contact title	FOIA Officer
Address	715 11th Street North
City	Moorhead
State	Minnesota
Contact date	July 20, 2018
Request medium	Letter
Response date	July 25, 2018
Form of response	Email

Response: No files were identified for the subject property.

Fire Department

Agency name	Moorhead Fire Department
Contact name	Chad Strangeland
Contact title	Assistant Chief Fire Marshal
Address	111 12th Street North
City	Moorhead
State	Minnesota
Contact date	July 20, 2018
Request medium	Letter
Response date	July 25, 2018
Form of Response	Email

Response: Per Mr. Chad Stangeland, no records of tank installations including flammable materials storage were identified. One fire response involving a spill was identified.

Planning/Zoning Department

Agency name	Moorhead Planning & Neighborhood Services Department
Contact name	Not provided
Contact title	FOIA Officer
Address	500 Center Avenue
City	Moorhead
State	Minnesota
Contact date	July 20, 2018
Request medium	Letter
Response date	July 25, 2018
Form of response	Email

Response: One Conditional Use Permit, dated March 3, 1997, was provided. The permit was for the construction of four storage silos and related conveyance equipment.

Building Department/Inspection Department

Agency name	Moorhead Planning & Neighborhood Services Department
Contact name	Not provided
Contact title	FOIA Officer
Address	500 Center Avenue
City	Moorhead
State	Minnesota
Contact date	July 20, 2018
Request medium	Letter
Response date	July 25, 2018
Form of response	E-mail

Response: Permits available through the Building Department.

Tax Assessor/Tax Department

Agency name	Clay County Assessor
Contact name	N/A
Contact title	N/A
Address	N/A
City	N/A
State	Minnesota
Contact date	July 20, 2018
Request medium	Online https://claycountymn.gov/155/Assessor

Response: Property Solutions visited the Clay County Assessor webpage which provided Property Solutions with a copy of a tax map for the subject property and the surrounding area and a copy of the tax information card for the subject property.

Based on Property Solutions review of the tax map and tax information cards, the subject property is identified as PIN 58.417.0100 and consists of a rectangular-shaped, 4.98-acre parcel of land owned by Sunrich. Information regarding property improvements and previous ownership was not provided by the online report.

A copy of the tax map is included in Appendix A.

Electrical Utility

The electric utility was not contacted for this assessment.

Sewer Department/Provider

Agency name	Moorhead Public Works Department
Contact name	Not provided
Contact title	FOIA Officer
Address	500 Center Avenue
City	Moorhead
State	Minnesota
Contact date	July 20, 2018
Request medium	Letter
Response date	No Response
Form of response	Not Applicable

A response has not been received at the time of this report.

Water Department/Supplier

Agency name	Moorhead Public Works Department
Contact name	Not provided
Contact title	FOIA Officer
Address	500 Center Avenue
City	Moorhead
State	Minnesota
Contact date	July 20, 2018
Request medium	Letter
Response date	July 25, 2018
Form of response	Email

Response: The date of water connection was reported to be June 2, 2005. No violations were reported.

A review of the 2017 Drinking Water Quality Report published by Moorhead Public Service indicates that the municipal water supplied to the subject property meets federal and state drinking water standards.

Others

No other local agencies or individuals were contacted.

State Environmental Agency

Agency name	Minnesota Pollution Control Agency
Contact name	Not provided
Contact title	FOIA Officer
Address	520 Lafayette Road North
City	St. Paul
State	Minnesota
Contact date	July 20, 2018
Request medium	Email
Response date	No Response
Form of response	Not Applicable

A response has not been received at the time of this report.

State Online Database Information/GIS

Agency name	Minnesota Pollution Control Agency
Contact date	August 8, 2018
Request medium	http://www.pca.state.mn.us/index.php/data/wimn-whats-in-my-neighborhood/whats-in-my-neighborhood.html

Response: The subject property was not listed.

At the time this report was prepared, some of the above local, county, and state agencies and companies had not responded to our information request as indicated.

According to ASTM E 1527-13, Section 8.1.4, information that has been requested must be reasonably ascertainable as part of performing the Phase I Environmental Assessment. Information that is reasonably ascertainable per ASTM means that information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request.

Copies of the letters and records of communication are included in Appendix I.

4.5 Synopsis of Previous Environmental Investigations and Plans

Complete Report Name	Phase I Environmental Site Assessment
Report Date	December 18, 2015
Report Project Number	20151995
Report Property Name	SunOpta – Moorhead, Minnesota
Report Property Address	3824 SW 93rd Street
Prepared by	Property Solutions Inc.
Consultant City & State Location	Edison, New Jersey
Prepared for	Bank of America, NA
Party City & State Location	Lawrenceville, Georgia
Report Provided by	Property Solutions Inc.
The entire report including appendices was provided.	
The boundaries discussed in this report are identical to those of the subject property identified by Property Solutions.	
Report and Subject property Variations: None	
Information/Portions of Report not Included with Report: None	

Scope of Services Performed Per Report: This Phase I Environmental Assessment was conducted in general accordance with Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013. The work was authorized by the Standard Engagement Letter (SEL) dated November 18, 2015 for BOA Project Number – 15-009127-ENV02-001

Findings/Conclusions as Reported by Report Preparer: This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

ASTM Non-Scope Considerations

The following ASTM non-scope consideration was identified at the subject property based on the findings provided in this report:

(1) Based on the dates of construction (1986), suspect asbestos-containing materials (ACMs) may be present at the subject property. Suspect asbestos-containing ceiling tile, drywall and joint compound, and vinyl tile and mastic in overall undamaged condition were observed at the subject property at the time of the property visit.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan.

Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

Recommendations as Reported by Report Preparer: Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

Report Historical Information and Findings: The subject property was historically agricultural land prior to the construction of the subject building.

Property Solutions Review: No issues noted.

No environmental concerns were identified during the review of the previous report.

A copy of the previous report is included in Appendix G.

Property Solutions did not review any plans pertaining to the subject property.

4.6 Asbestos-Containing Material

During the course of the property visit, Property Solutions performed a preliminary review of interior, accessible areas of the subject building for the presence of suspect asbestos-containing materials (ACMs). This limited review was conducted for overview purposes only; additional suspect materials may exist in concealed locations (behind walls and above ceilings, within machinery, etc.). Also, not all suspect materials may have been sampled due to the condition or the location of the suspect materials. Destructive sampling of suspect ACMs was not performed. Suspect ACMs in an overall undamaged condition were not sampled, as that will damage the materials. Property Solutions will not be responsible for damaging materials or causing the materials to become friable. The USEPA defines asbestos-containing material as material containing greater than one percent asbestos. This review was not a pre-demolition/renovation survey or for regulatory submittal purposes.

Suspect ACMs were observed within the subject building during the property visit. The suspect ACMs are listed in the following tables.

Friable Materials

Sample No.	Description of Material	Material Classification	Location	Condition	Approx. Amount	% Asbestos/ Type
NS	2x4 ceiling tile	MISC	Office	Undamaged	1,000 s.f.	SACM

NS - Not sampled
SACM - Suspect asbestos-containing material per USEPA Green Book
s.f. - Square feet
MISC - Miscellaneous

Non-Friable Materials

Sample No.	Description of Material	Material Classification	Location	Condition	Approx. Amount	% Asbestos/ Type
NS	12x12 vinyl tile and mastic	MISC	Office	Undamaged	1,000 s.f.	SACM
NS	Drywall and joint compound	MISC	Office	Undamaged	2,000 s.f.	SACM

NS - Not sampled
SACM - Suspect asbestos-containing material per USEPA Green Book
s.f. - Square feet
MISC - Miscellaneous

Based on the limited visual review conducted by Property Solutions, suspect asbestos-containing ceiling tile, floor tile and mastic, drywall and joint compound were identified at the subject property. These materials were observed to be in an overall undamaged condition at the time of the property visit.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

4.7 Mold/Water Intrusion

During the course of the Phase I Environmental Assessment property visit, Property Solutions performed limited observations for obvious signs of moisture, water intrusion, and potential mold at the subject property. This was performed for overview purposes only and is not a mold assessment or inspection for regulatory submittal purposes. Additional areas may exist in areas not observed or in concealed locations (behind walls and above ceiling tiles, etc.). This was a limited visual review during a Phase I Environmental Assessment property visit of easily accessible areas for obvious signs of water intrusion and potential mold. An engineering assessment and property maintenance personnel should be consulted to verify water intrusion due to engineering concerns and deficiencies and addressed as appropriate.

Molds produce tiny spores to reproduce, which waft through the indoor and outdoor air continually. When mold spores land on a damp spot indoors, they may begin growing and digesting whatever they are growing on in order to survive. There are molds that can grow on wood, paper, carpet, and foods. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or un-addressed. There is no practical way to eliminate all molds and mold spores in the indoor environment; the way to control indoor mold growth is to control moisture. In addition, mold growth may be a problem after flooding.

Standards or Threshold Limit Values (TLVs) for airborne concentrations of mold, or mold spores, have not been set. Currently, there are no USEPA regulations or standards for airborne mold contaminants.

Mr. Paquin was unaware of past water damage or historic leaks.

No obvious visual evidence of mold, water intrusion, water damage, or standing water was observed in the interior portions of the subject building accessed by Property Solutions during the property visit. No musty odors indicative of a moisture problem or porous materials such as carpets and insulation in damp niches were observed during the property visit. No botanical materials such as bark chips or potted plants in moist locations such as an atrium were observed during the property visit. No indoor water features such as fountains, indoor waterfalls, or indoor swimming pools were observed in the subject building. Mr. Paquin was unaware of reported odor complaints, allergic reactions, or other symptoms possibly associated with mold growth. No problems evident in the building envelope or problematic conditions surrounding the air intake were observed. No operatives conducive to bioaerosol generation such as animal confinement operations, agricultural activities, or wetlands were observed on the subject property or adjacent properties.

This limited visual review was conducted for overview purposes only; mold may exist in concealed locations (behind walls, wallpaper, and ceilings, etc.). A sump was located in the basement. No visual evidence of mold was observed in the vicinity of the sump. However, as standing water accumulates in the sump, this area should be periodically reviewed by building management for evidence of mold growth.

Based on the above information, no further investigation is recommended at this time regarding moisture and mold.

5.0 CONCLUSIONS

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of of SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

De minimis conditions are a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. The following de minimis condition was identified at the subject property based on the findings provided in this report:

(1) Property Solutions observed a used oil drum in the exterior storage enclosure on the south side of the building. Because operations at the facility have been suspended since September 2017, Property Solutions recommends the used oil drum be removed and properly disposed in accordance with applicable regulations.

The following ASTM non-scope consideration was identified at the subject property based on the findings provided in this report:

(2) Based on the dates of construction (1986), suspect asbestos-containing materials (ACMs) may be present at the subject property. Suspect asbestos-containing ceiling tile, drywall and joint compound, and vinyl tile and mastic in overall undamaged condition were observed at the subject property at the time of the property visit.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

6.0 RECOMMENDATIONS AND OPINIONS OF PROBABLE COST

(1) Property Solutions recommends the used oil drum be removed and properly disposed in accordance with applicable regulations.

(2) Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

7.0 LIMITATIONS

The conclusions as presented above are based upon the agreed upon scope of work outlined in the above report. Consultant makes no guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation. Additional information which was not available to Consultant at the time of writing the Report may result in a modification of the conclusions as presented. The Services performed by Consultant have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. This report is not a legal opinion, but may under certain circumstances be prepared at the direction of counsel, may be in anticipation of litigation, and may be classified as an attorney client communication or as an attorney work product.

8.0 REFERENCES

8.1 Information Sources

1. United States Geological Survey's 7.5-minute topographic quadrangle map of Sabin, Minnesota.
2. United States Department of Agriculture, Soil Conservation Services' Web Soil Survey, http://websoilsurvey.nrcs.usda.gov.
3. Minnesota Geologic Map produced by the US Geological Survey, Minerals Resources On-Line Spatial Data, http://mrdata.usgs.gov/geology/state.
4. Ground Water Atlas of the United States – Segment 9 dated 1992 produced by the US Geological Survey.
5. United States Department of the Interior, National Wetland Inventory Map for Sabin, Minnesota.
6. Moorhead Public Service's 2014 Drinking Water Report.
7. USEPA's Map of Radon Zones, 1993.
8. Aerial photographs provided by Environmental Data Resources, Inc.
9. Aerial photographs provided by TerraServer.
10. Certified Sanborn Map Report, provided by Environmental Data Resources, Inc.
11. The EDR Radius Map with GeoCheck, produced by Environmental Data Resources, Inc.
12. Envirofacts Data Warehouse, produced by USEPA.
13. Phase I Environmental Site Assessment, by Property Solutions Inc, dated December 18, 2015.

8.2 Definitions

Abandoned property – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

Activity and use limitations – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property. See Note 1.

NOTE 1—The term *AUL* is taken from Guide E2091 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of "*institutional controls*." Department of Defense and International County/City Management Association use "Land Use Controls." The term "land use restrictions" is used but not defined in the *Brownfields Amendments*).

Actual knowledge – the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Actual Knowledge Exception – If the user or environmental professional(s) conducting an environmental site assessment has actual knowledge that the information being used from a prior environmental site assessment is not accurate or if it is obvious, based on other information obtained by means of the environmental site assessment or known to the person conducting the environmental site assessment, that the information being used is not accurate, such information from a prior environmental site assessment may not be used.

Adjoining properties – any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

All appropriate inquiries – that inquiry constituting all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined in CERCLA, 42 U.S.C §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. See ASTM 1527-13 Appendix X1.

Approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.

Bona fide prospective purchaser liability protection – (42 U.S.C. §9607(r))—a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices." Knowledge of contamination resulting from all appropriate inquiries would not generally preclude this liability protection. A person must make all appropriate inquiries on or before the date of purchase. The facility must have been purchased after January 11, 2002. See ASTM E 1527-13, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in ASTM E 1527-13, Section 13.

Comparison with Subsequent Inquiry – It should not be concluded or assumed that an inquiry was not all appropriate inquiries merely because the inquiry did not identify recognized environmental conditions in connection with a property. Environmental site assessments must be evaluated based

on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent environmental site assessments should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Controlled recognized environmental condition – a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). (See Note 2.) A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report. (See Note 3.)

Note 2-For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The "control" is represented by the restriction that the property use remain commercial.
Note 3-A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or intended to be, implemented.

Construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contiguous property owner liability protection – (42 U.S.C. §9607(q))—a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiries at the time of acquisition of the property and did not know or have reason to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the contiguous property owner liability protection. See ASTM E 1527-13, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Continued Viability of Environmental Site Assessment – Subject to ASTM E 1527-13, Section 4.8, an environmental site assessment meeting or exceeding this practice and completed less than 180 days prior to the date of acquisition[5] of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid.[6] If within this period the

assessment will be used by a user different than the user for whom the assessment was originally prepared, the subsequent user must also satisfy the User's Responsibilities in ASTM E 1527-13, Section 6. Subject to Section 4.8 and the User's Responsibilities set forth in ASTM E 1527-13, Section 6, an environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided that the following components of the inquiries were conducted or updated within 180 days of the date of purchase or the date of the intended transaction: (i) interviews with owners, operators, and occupants; (ii) searches for recorded environmental cleanup liens; (iii) reviews of federal, tribal, state, and local government records; (iv) visual inspections of the property and of adjoining properties; and (v) the declaration by the environmental professional responsible for the assessment or update.

[5] Under "*All Appropriate Inquiries* " 40 C.F.R. Part 312, EPA defines date of acquisition as the date on which a person acquires title to the *property*.
[6] Subject to meeting the other requirements set forth in this section, for purpose of the *LLPs*, information collected in an assessment conducted prior to the effective date of the federal regulations for *All Appropriate Inquiries* or this practice can be used if the information was generated as a result of procedures that meet or exceed the requirements of the E 1527-97 or -00 standards.

Contractual Issues Regarding Prior Assessment Usage – The contractual and legal obligations between prior and subsequent users of environmental site assessments or between environmental professionals who conducted prior environmental site assessments and those who would like to use such prior environmental site assessments are beyond the scope of this practice.

Data failure – a failure to achieve the historical research objectives in ASTM E 1527-13, §8.3.1 through 8.3.2.2 even after reviewing the standard historical sources in §8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. See ASTM E 1527-13, 8.3.2.3.

Data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). See ASTM E 1527-13 12.7.

De minimis Condition - a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

Engineering controls (EC) – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

Environmental lien – a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

Environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). See ASTM E 1527-13 Appendix X2. The person may be an independent contractor or an employee of the user.

Fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

Good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

Hazardous substance – a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C.§9601(14), as interpreted by EPA regulations and the courts:" (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C.§§6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." (See ASTM E 1527-13, Appendix X1.)

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, at 42 U.S.C. §6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may—(A) cause, or significantly contribute to an increase in mortality or an increase in serious

irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

Hazardous waste/contaminated sites – sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

Historical recognized environmental condition – a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.

IC/EC registries – databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of "deed restrictions" (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri) and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

Innocent landowner defense – (42 U.S.C. §§9601(35) & 9607(b)(3)) – a person may qualify as one of three types of innocent landowners: (i) a person who "did not know and had no reason to know" that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who "acquired the facility by inheritance or bequest." To qualify for the innocent landowner defense, such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all appropriate inquiries must not have resulted in knowledge of the contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the innocent landowner defense. See ASTM E 1527-13, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Institutional controls (IC) – a legal or administrative restriction (for example, "deed restrictions," restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or (2) to prevent activities that could interfere with the

effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

Interviews – those portions of ASTM E 1527-13 practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and questions to be asked of local government officials.

Key site manager – the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property. See ASTM E 1527-13, 10.5.1.

Landowner Liability Protections (LLPs) – landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

Level of Inquiry is Variable – Not every property will warrant the same level of assessment. Consistent with good commercial and customary practice, the appropriate level of environmental site assessment will be guided by the type of property subject to assessment, the expertise and risk tolerance of the user, and the information developed in the course of the inquiry.

Major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40 % of the leasable area of the property or any anchor tenant when the property is a shopping center.

Material threat – a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Migrate/migration – for the purposes of this practice, "migrate" and "migration" refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. See Note 4.

Note 4-Vapor migration in the subsurface is described in Guide E2600; however, nothing in this practice should be construed to require application of the Guide E2600 standard to achieve compliance with all appropriate inquiries.

Not Exhaustive – All appropriate inquiries does not mean an exhaustive assessment of a property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental site assessment and the reduction of uncertainty about unknown conditions resulting from additional information.

Obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

Occupants – those tenants, subtenants, or other persons or entities using the property or a portion of the property.

Operator – the person responsible for the overall operation of a facility.

Owner – generally the fee owner of record of the property.

Petroleum exclusion – the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: "The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Petroleum products – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.[4])

[4] *Standard Definitions of Petroleum Statistics*, American Petroleum Institute, Fifth Edition, 1995.

Practically reviewable – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be

listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable.

Prior Assessment Usage – The ASTM E 1527-13 practice recognizes that environmental site assessments performed in accordance with this practice will include information that subsequent users may want to use to avoid undertaking duplicative assessment procedures. Therefore, this practice describes procedures to be followed to assist users in determining the appropriateness of using information in environmental site assessments performed more than one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction. The system of prior assessment usage is based on the following principles that should be adhered to in addition to the specific procedures set forth elsewhere in the ASTM E 1527-13 practice.

Property – the real property that is the subject of the environmental site assessment described in the ASTM E 1527-13 practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

Publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

Reasonably Ascertainable – information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

Reasonable time and cost – information that is obtainable within reasonable time and cost constraints means that the information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request at no more than a nominal cost intended to cover the source's cost of retrieving and duplicating the information. Information that can only be reviewed by a visit to the source is reasonably ascertainable if the visit is permitted by the source within 20 days of request.

Recognized environmental conditions – the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to 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. De minimis conditions are not recognized environmental conditions.

Recorded land title records – records of historical fee ownership, which may include leases, land contracts, and AULs on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the property that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located, are not considered part of recorded land title records. See ASTM E 1527-13 8.3.4.4.

Release – a release of any hazardous substance or petroleum product shall have the same meaning as the definition of "release" in CERCLA 42 U.S.C. § 9601(22)). For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 "Releases and Threatened Release."

Relevant experience (as used in the definition of environmental professional) – participation in the performance of all appropriate inquiries investigations, environmental site assessments, or other site investigations that may include environmental analyses, investigations, and remediation which involve the understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions and for which professional judgment was used to develop opinions regarding conditions indicative of releases or threatened releases (see §312.1(c)) to the subject property.

Rules of Engagement – The contractual and legal obligations between an environmental professional and a user (and other parties, if any) are outside the scope of this practice. No specific legal relationship between the environmental professional and the user is necessary for the user to meet the requirements of this practice.

Uncertainty Not Eliminated – No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and this practice recognizes reasonable limits of time and cost.

Use of Prior Information – Subject to the requirements set forth in ASTM E 1527-13, Section 4.6, users and environmental professionals may use information in prior environmental site assessments provided such information was generated as a result of procedures that meet or exceed the requirements of this practice. However, such information shall not be used without current investigation of conditions likely to affect recognized environmental conditions in connection with the property. Additional tasks may be necessary to document conditions that may have changed materially since the prior environmental site assessment was conducted.

User – the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outlined in ASTM E 1527-13, Section 6.

Visually and/or physically observed – during a site visit pursuant to this practice, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit; they may do so by the means at their disposal for moving through the property and the structures located on it.

8.3 Acronyms

ACM – asbestos-containing material
AST – aboveground storage tank
ASTM – American Society for Testing and Materials
AUL – Activity and Use Limitations
bgs – below ground surface
CERCLA – Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 et seq.)
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)
CFR – Code of Federal Regulations
CORRACTS – Facilities subject to Corrective Action under RCRA
CREC – Controlled Recognized Environmental Condition
EA – Environmental Assessment
ECRA – Environmental Cleanup Responsibility Act
EDR – Environmental Data Resources, Inc.
EPA – United States Environmental Protection Agency
EPCRA – Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 et seq.)
ERNS – Emergency Response Notification System
ESA – Environmental Site Assessment (different than an *environmental compliance audit*, 3.2.27)
FOIA – U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR – Federal Register
HREC – Historical recognized environmental condition
ICs – Institutional Controls
ISRA – Industrial Site Recovery Act
LBP – Lead-based paint
LLP – Landowner Liability Protections under the *Brownfields Amendments*
LRST – Leaking registered storage tank
LUST – Leaking underground storage tank
MSDS – Material safety data sheet
NCP – National Contingency Plan
NFRAP – former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES – National Pollutant Discharge Elimination System
NPL – National Priorities List
NVLAP – National Voluntary Laboratory Accreditation Program
OSHA – Occupational Safety and Health Administration
PACM – Presumed asbestos-containing material
PCBs – Polychlorinated biphenyls
PLM – Polarized light microscopy
PRP – Potentially responsible party (pursuant to CERCLA 42 USC § 9607(a))
RCRA – Resource Conservation and Recovery Act (as amended, 42 USC § 6901 et seq.)
RCRIS – Resource Conservation and Recovery Act Information System

REC – Recognized environmental condition
ROC – Record of communication
RST – Registered storage tank
SACM – Suspect asbestos-containing material
SARA – Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)
SIC – Standard Industrial Classification
TEM – Transmission electron microscopy
TSDF – Hazardous waste treatment, storage or disposal facility
USC – United States Code
USEPA –United States Environmental Protection Agency
USGS – United States Geological Survey
UST – Underground storage tank

8.4 Purpose

The purpose of a Phase I Environmental Assessment is to evaluate issues that may have an impact on the subject property. The purpose of the ASTM E 1527-13 practice is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, the practice is intended to permit a User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B). The goal of this process is to identify the presence or likely presence of hazardous substances or petroleum products on the property and identify conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the subject property or into the ground, groundwater, or surface of the subject property. The purpose of this report is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This report is also not intended to serve as a compliance assessment of the subject property or to identify health and safety issues or procedures. The ASTM E 1527-13 DOES NOT address whether requirements in addition to all appropriate inquiry have been met in order to qualify for the LLPs (for example, the duties specified in 42 U.S.C. §9601(b)(3)(a) and (b) and cited in Appendix X1 of the ASTM Standard, including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations (AULs), or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations).

The ASTM E 1527-13 practice DOES NOT address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provision of the LLPs. Per the ASTM Standard, Users are cautioned that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this practice. Users should also be aware that

there are likely to be other legal obligations with regard to hazardous substances or petroleum products discovered on the property that are not addressed in the ASTM practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

8.5 Significant Assumptions

The following assumptions are made by Property Solutions in this report. Property Solutions relied on information derived from secondary sources including governmental agencies, the Client (User), designated representatives of the Client (User), property contact, property owner, property owner representatives, computer databases, and personal interviews. Except as set forth in this report, Property Solutions has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources including government agencies, the Client, designated representatives of the Client, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. Property Solutions assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow and depth to groundwater, unless otherwise specified by on-property well data, are assumed based on contours depicted on the United States Geological Survey topographic maps. Property Solutions assumes the property has been correctly and accurately identified by the Client (User), designated representative of the Client (User), property contact, property owner, and property owner's representatives. Property Solutions assumes that the Client (User), Client representatives, Client Legal Counsel, designated representatives of the Client, Key Site Manager, property contact, property owner, property owner representatives, and property brokers, used good faith in answering questions and in obtaining information for the subject property as defined in 10.8 of the ASTM E 1527-13 practice. This would also include obtaining those helpful documents from previous owners, operators, tenants, brokers, financial institutions etc. Property Solutions also assumes the Client will designate appropriate and knowledgeable people for performance of the Phase I Environmental Assessment including Key Site Managers.

8.6 Special Terms and Conditions

This Phase I Environmental Assessment was prepared in accordance with the stated and agreed upon Scope of Work. In order to perform a comprehensive environmental evaluation, subsurface investigation and testing would be required to definitively evaluate whether contamination has affected the subject property. Therefore, the findings and conclusions presented herein are based solely on the scope of work previously described and information gathered. No environmental assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of the ASTM practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and the ASTM practice recognizes reasonable limits of time and cost. Limitations to the assessment also include weather conditions, vegetation cover, parked cars, trucks, dumpsters, and anything limiting visual observation of or physical access to the subject property and neighboring properties. Vapor intrusion is not included in this scope of services and

is considered an ASTM Non-scope consideration. This report and scope is not an environmental compliance audit.

Subject to Section 4.8 of the ASTM E 1527-13 Standard, an environmental site assessment meeting or exceeding the practice and completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid. If within this period the assessment will be used by a different user than the user (Client) for whom the assessment was originally prepared, the subsequent user (if authorized to rely on the report as identified in Section 1.5 Reliance of this report) must also satisfy the User's Responsibilities in Section 6 of the ASTM E 1527-13 standard. If this assessment is over 180 days old it is not valid and a new assessment should be performed per the ASTM standard.

This report was specifically and only prepared for the identified specific Client (user) and for their specific purpose; no other person or entity for any other purpose may use, or rely on this report or its contents unless specifically authorized in writing by Property Solutions Inc. Subsequent consultants and subsequent Users may not rely on this report or information included in this report. Property Solutions Inc. will not be held liable in any way for any and all unauthorized use of this report both currently and in the future. Consultants and subsequent Users must specifically and separately verify all information and not rely on the facts, findings, conclusions, and opinions of this report. Future use of this report by consultants or subsequent Users is strictly prohibited and not authorized to evaluate the appropriateness of using this information in environmental site assessments performed in the future by anyone other than Property Solutions Inc. Subsequent consultants and subsequent Users may not include this report or information included in this report (unless publicly available) without the written authorization of Property Solutions Inc.

No other special terms and conditions are applicable to this Phase I Environmental Assessment.

ATTACHMENT I
PROFESSIONAL QUALIFICATIONS

GLEN D LEE, P.E.
ENVIRONMENTAL ENGINEER / CONSULTANT

EDUCATION Bachelor of Science - Civil & Environmental Engineering
University of Wisconsin
Madison, Wisconsin

ACCREDITATIONS OSHA 40 hour HAZWOPER Training
American Society of Civil Engineers
Wisconsin Environmental Site Assessor
Iowa Groundwater Professional

SUMMARY OF QUALIFICATIONS

Mr. Lee has over 20 years experience performing and managing Phase I Environmental Assessments, Phase II Subsurface Investigations, Regulatory Compliance Assessments, and Corrective Actions involving industrial, commercial, and residential properties throughout the United States. Mr. Lee is experienced in the design, management, and performance of soil and ground water remedial projects. Mr. Lee performed environmental evaluations which include: researching historical usage of the property, identifying potential contamination, formulating sampling and analysis plans, interpreting analytical results, and documentation through technical report writing. In addition, Mr. Lee has also provided such services as acting as a liaison between regulatory agencies and clients and proposal development.

Work experience includes redevelopment of abandoned or derelict industrial and commercial sites for private and municipal clients. Completed projects have had geographic coverage throughout the United States and Europe.

Clients successfully served by Mr. Lee include members of the Fortune 500 (Tellabs, Borg Warner, Federal Signal, Littelfuse, Verizon, UPS, Monsanto, Searle, CNA) and a range of governmental entities (City of Chicago, US Customs, USDA).

REPRESENTATIVE PROJECT EXPERIERNCE

Brownfield Redevelopment – Chicago, IL
Mr. Lee has conducted preliminary Phase I Environmental Site Assessments (ESAs) and Phase II Site Investigations (SI) as required for Brownfield Redevelopment projects along with the preparation/and development of remedial action plans. Mr. Lee has assisted in Site Remediation Program (SRP) reporting inclusive of the Focused/Comprehensive Site Investigation Reports (F/CSIRs) Remedial Objectives Reports (ROR), Remedial Action Plans (RAP), and Remedial Action Completion Reports (RACR). High profile local projects have included City of Chicago properties that have been transitioned form abandoned industrial sites to middle schools (Zapata & Finkel elementary). These projects were successfully completed on an expedited timetable and with a high level of public interest (regional TV coverage) during a political season.

Brownfield Redevelopment – St. Charles, IL
Another was the former Moline Foundry site in St. Charles that has been redeveloped to a successful multipurpose business park and highlighted as northwestern gateway to the community. This site was one of the highlighted projects that then Governor Ryan used to introduce the State's Brownfield's program in the mid 1990's.

Remediation - UST Removal and Remediation – Various Locations
Mr. Lee has been a lead engineer on over 200 active and inactive underground storage tank projects throughout the United States. In Illinois, the investigations were used to manage and guide site owners through the IEPA's Part 731 and 732 "The Leaking Underground Storage Tank Program", Part 740 "Site Remediation Program" and Part 742 "Tiered Approach to Corrective Action." Project activities included utility clearance, preparation of health and safety plans, drilling soil borings/monitoring well installations, chemical screening of soil samples, soil sample collection and logging, groundwater sampling, surveying, remediation design and implementation, report preparation and submittal, project control/budget monitoring, and reporting.

Phase I Environmental Assessments – Various Locations
Mr. Lee has completed over 250 Phase I ESAs throughout the United States on properties including, but not limited to, vacant lots, former gas stations, commercial structures, and industrial properties. All Phase I ESAs were completed in accordance with currently accepted practices that are consistent with the American Society for Testing & Materials (ASTM) Standard Practice for Environmental Assessments.

Phase II Environmental Assessments – Various Locations
Mr. Lee has been a lead engineer and project manager for over 125 Phase II Subsurface Investigations throughout the United States. Soil and groundwater investigations have been completed on vacant/idle properties, agricultural properties, commercial/retail properties, industrial/manufacturing plants, and residential properties. The soil and groundwater investigations were completed to assess and characterize a full suite of contaminants of concern.

STACY DURDEN, P.G.
SENIOR GEOLOGIST

EDUCATION Bachelors of Science in Geology minor in Archeology, 2001
State University of West Georgia
Carrollton, Georgia

ACCREDITATIONS

Tenn. registered Professional Geologist
NPDES
40-hr & 8-hr Supervisor OSHA HAZWOPER
First Aid/CPR
MSHA 24-hr Mine Safety Program
Asbestos in Buildings: Inspection and Assessment

SUMMARY OF QUALIFICATIONS

Ms. Durden has directed, managed and participated in numerous groundwater-monitoring events and investigations including step down tests, aquifer pumping tests and hydrostatic tests at several quarries located in Georgia. Installed several telescoping monitoring wells at various facilities. She has also directed, managed and participated in numerous contaminate groundwater sampling events throughout the southeast. Ms. Durdens' field experience includes directing, supervising and managing subcontractors, GeoProbe, HSA, logging rock-cores and fracture analysis using HSA and Air Rotary techniques, soils using the Unified Soil Classification System and Munsell color charts, bioremediation, coordinating investigative-derived wastes, supervising monitor well installations and soil removal, spore sampling, asbestos sampling, LBP sampling, radon testing, Brownfield delineations and conducting soil and groundwater sampling at various manufacturing and industrial facilities, conducted weekly O&M on several pumping systems, ARCHIE Studies and soil gas sampling.

REPRESENTATIVE PROJECT EXPERIERNCE

Phase I ESA's – Nationwide

Performed ESAs to identify potential environmental liabilities associated with past or present on-site and off-site activities at several commercial, residential and industrial properties. These ESAs included historic site studies utilizing site and area reconnaissance data, interviewing past and present owners, reviewing environmental information obtained from regulatory databases, interpretation of aerial photographs, and evaluation of the sites' geologic and hydrogeologic characteristics.

Environmental Underwriter – Nationwide

Environmental Underwriter for an insurance company, managed accounts, brokers and clients, arranged and contributed to meetings with both brokers and clients, researched properties and interviewed property managers, underwrote and assisted in underwriting several environmental insurance policies including several gas stations and various other properties.

Superfund Technical Assessment & Response Team (START) program – Marshall, MI

Ms. Durden provided environmental oversight during the Kalamazoo River Oil Spill, in Marshall, MI. Daily activities included observing cleanup activities via boat and land at various locations on the Kalamazoo River, reported daily activities and progress of the cleanup, conducted poling activities at various locations on the river, provided photo and written documentation, participated in bi-weekly meetings of cleanup activities and reported any environmental concerns to EPA oversight.

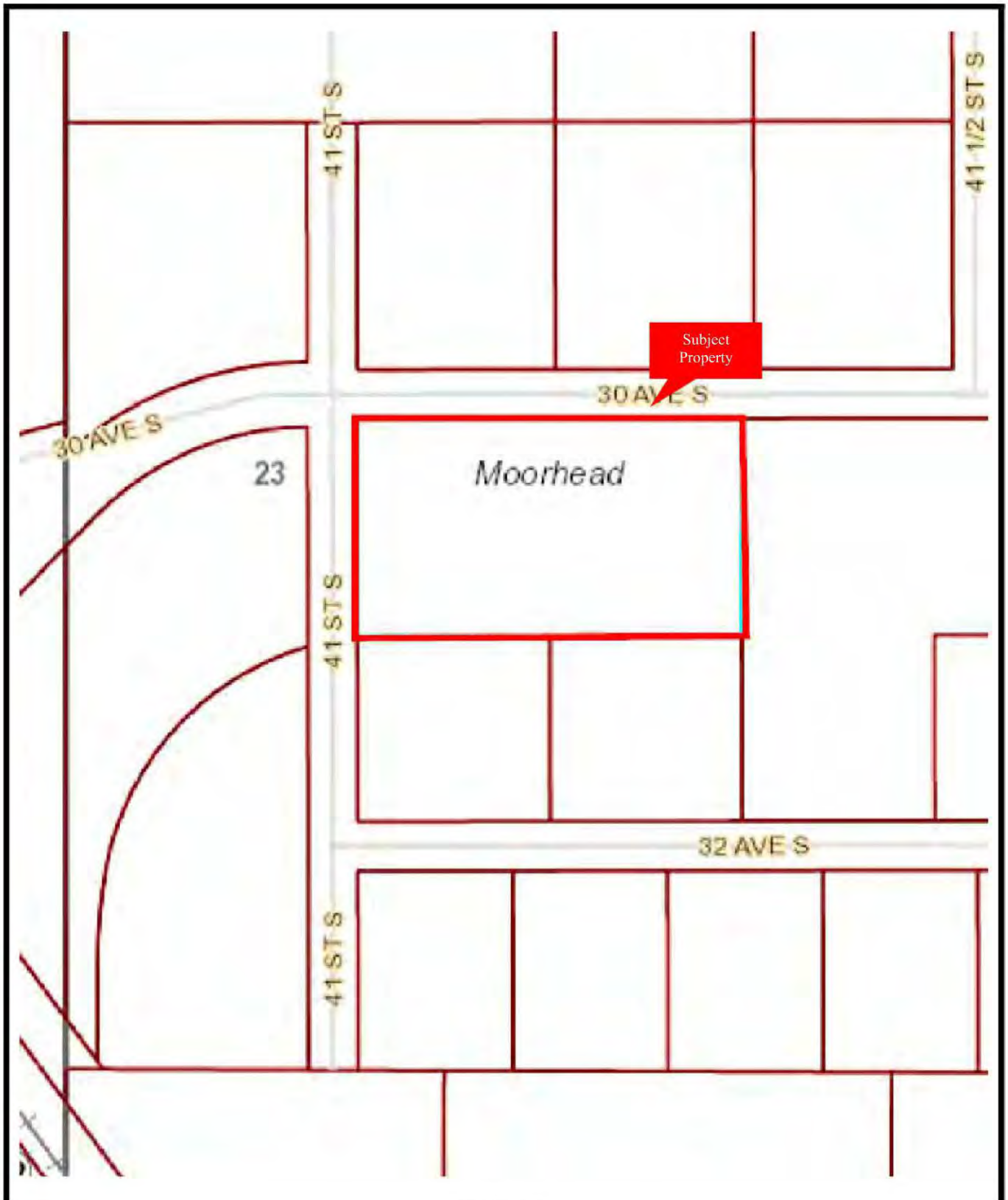
RCRA Facility Investigations and CERCLA Remedial Investigation/Feasibility Studies – Southeastern U.S.

Conducted soil and groundwater contamination investigations associated with RCRA Facility Investigations and CERCLA Remedial Investigation/Feasibility Studies at a variety of sites ranging from former wood treatment facilities to Department of Defense bases.

APPENDIX A
FIGURES

US DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY 7.5' TOPOGRAPHIC QUADRANGLE

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Topo Quad Name: Sabin, Minnesota		Property Boundaries are Approximate	



TAX MAP

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N

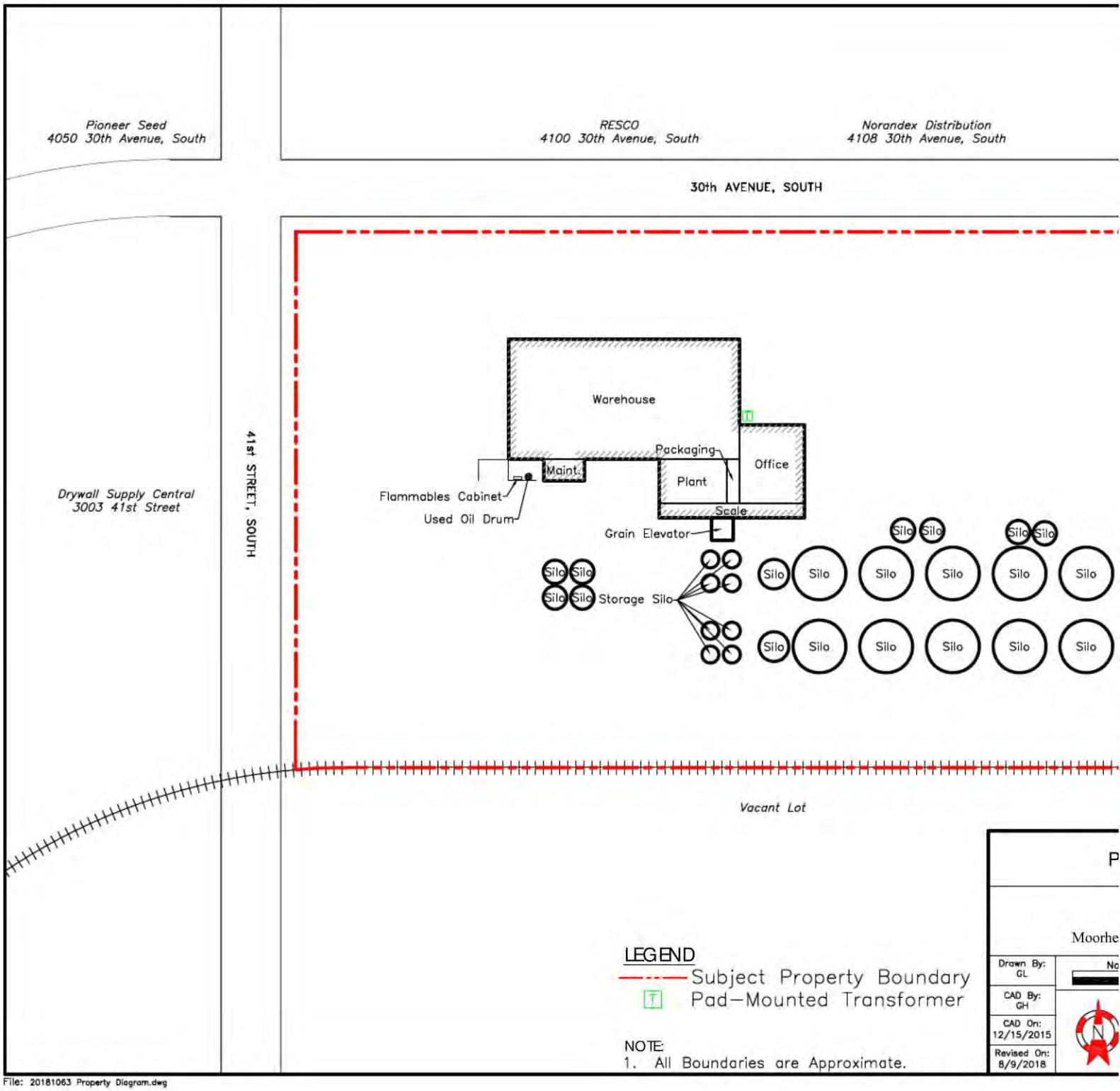
Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

WETLAND MAP

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N

APPENDIX B
PROPERTY DIAGRAM



File: 20181063 Property Diagram.dwg

APPENDIX C
PHOTOGRAPHS

PHOTO 1.

Signage to subject property.

PHOTO 2.

North side of building viewing east.

PHOTO 3.

East side of building viewing west.

PHOTO 4.

South side of building viewing west.

PHOTO 5.

Elevator and silos viewing east.

PHOTO 6.

West side of building viewing east.

PHOTO 7.

Pad-mounted electrical transformer on east side of building.

PHOTO 8.

Used oil drum in enclosure south of building.

PHOTO 9.

Flammables storage cabinet in enclosure south of building.

PHOTO 10.

North adjacent property viewing north.

PHOTO 11.

North east adjacent property viewing north.

PHOTO 12.

East adjacent property viewing east.

PHOTO 13.

South adjacent property viewing east.

PHOTO 14.

West adjacent property viewing west.

PHOTO 15.

Interior of warehouse.

PHOTO 16.

Former tote storage area.

PHOTO 17.

Bean Processing Equipment.

PHOTO 18.

Switch gear in electrical room.

PHOTO 19.

Dry-type transformer in electrical room.

PHOTO 20.

Interior of elevator.

PHOTO 21.

Laboratory and scale office.

PHOTO 22.

Conference room.

PHOTO 23.

Bathroom.

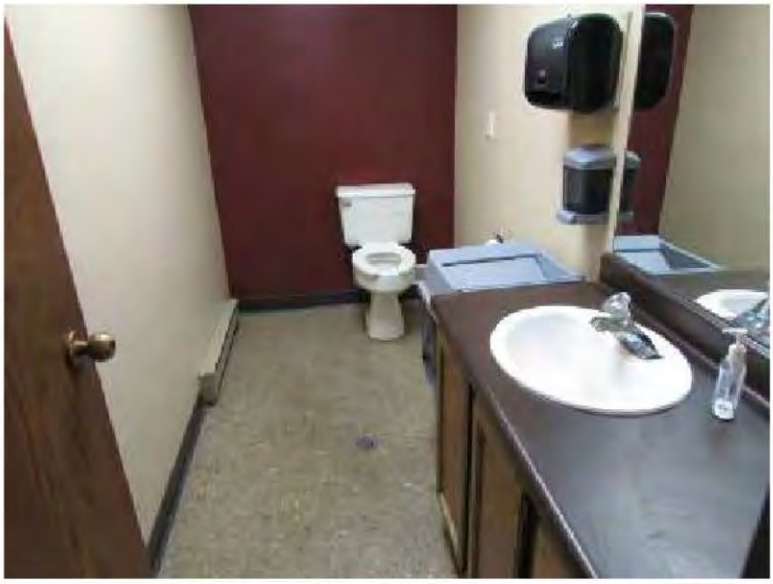
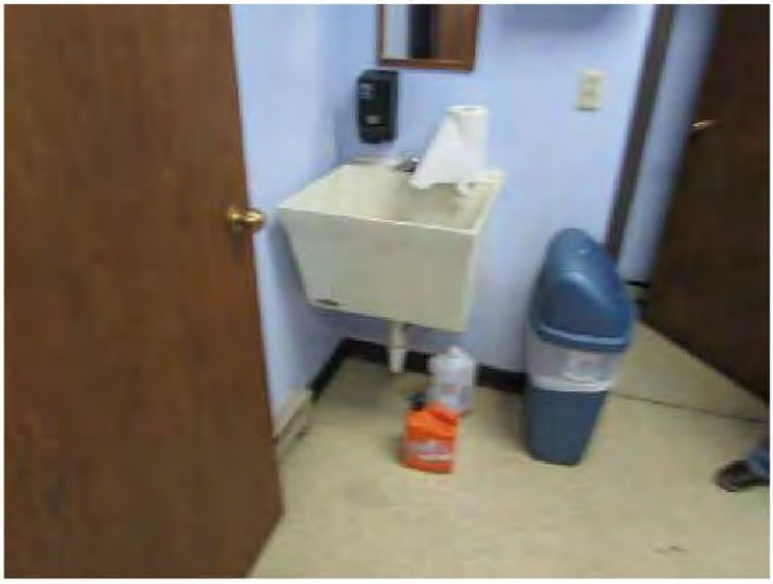


PHOTO 24.

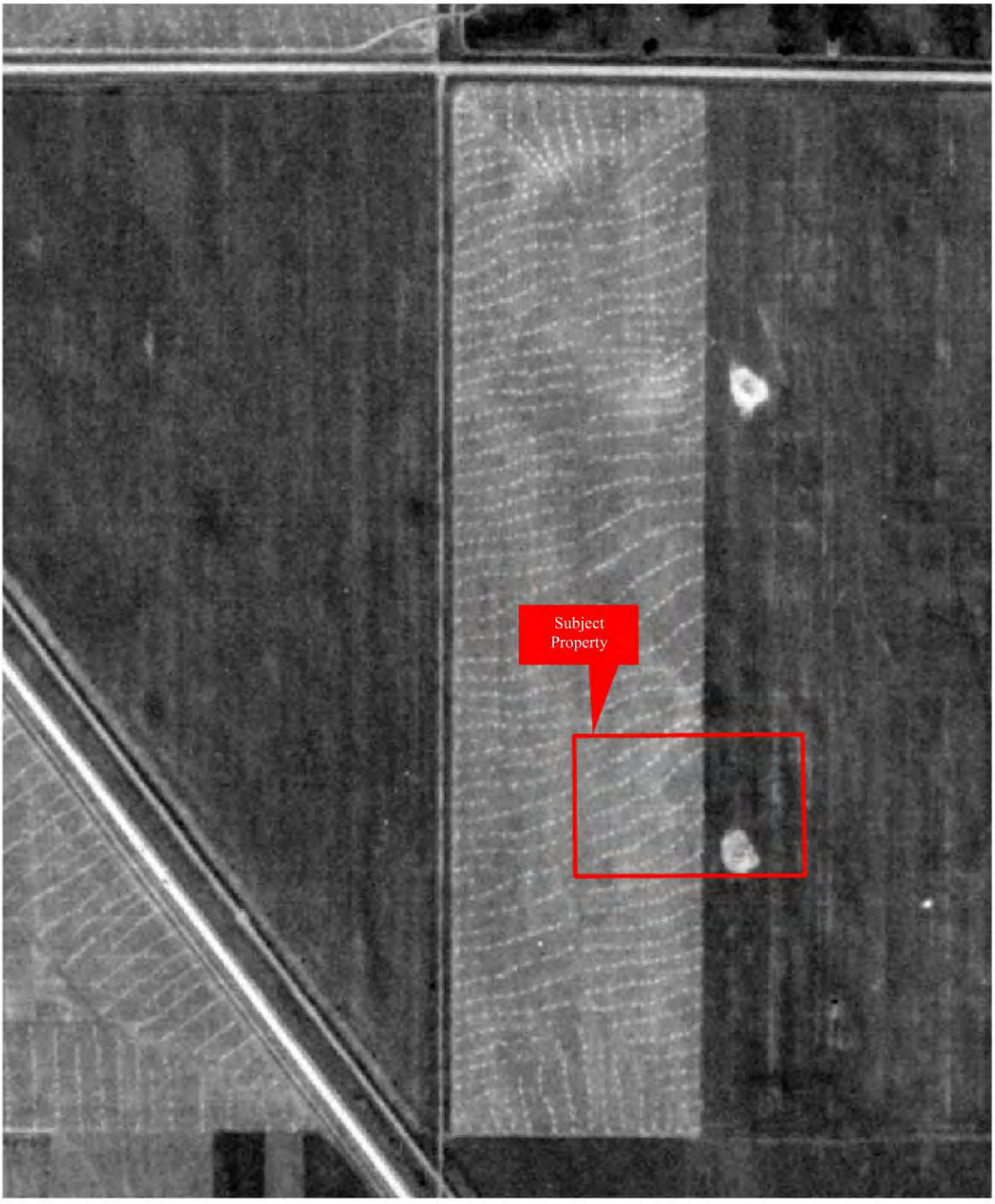
Janitorial sink.



APPENDIX D
USER CORRESPONDENCE

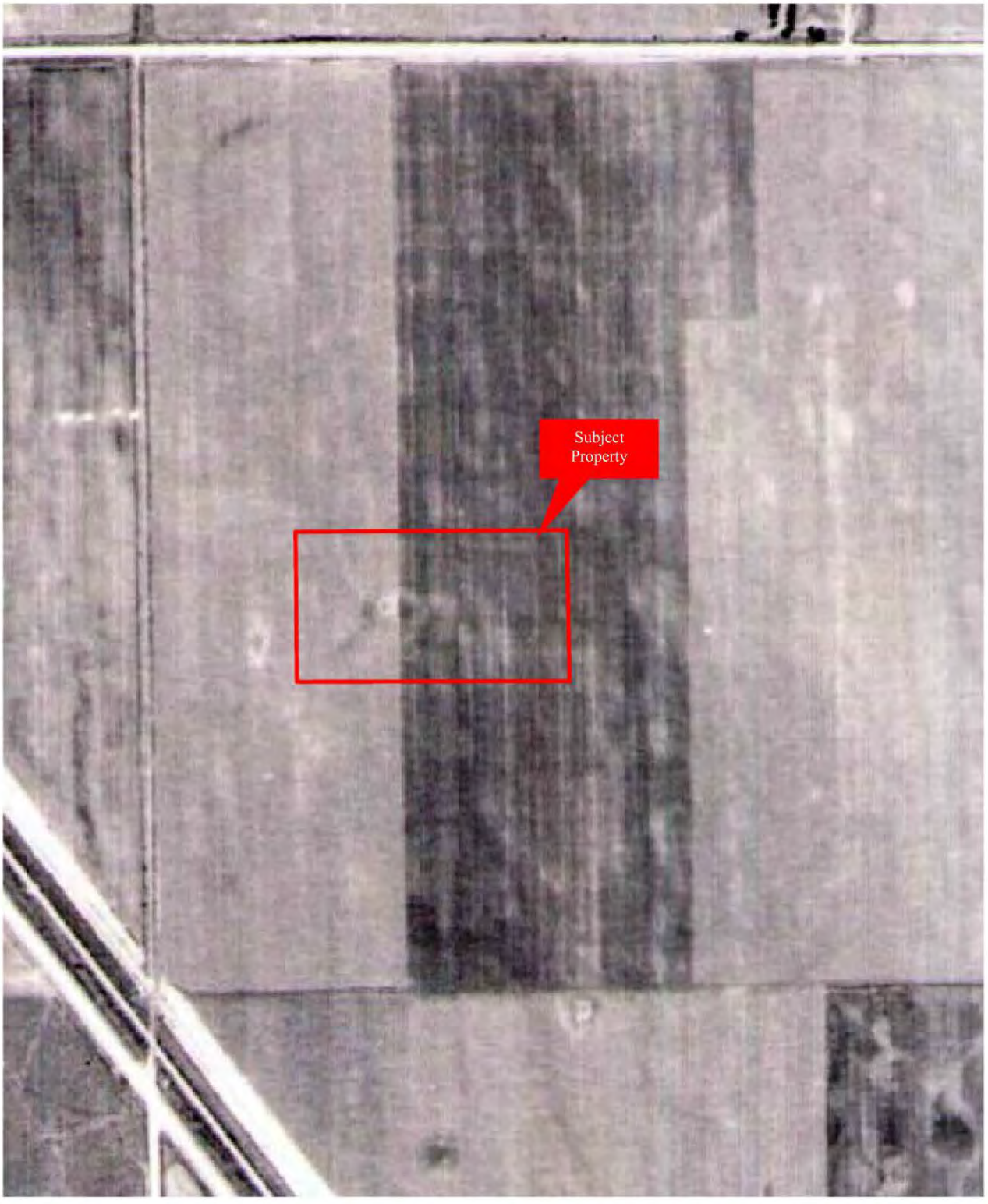
Not provided

APPENDIX E
AERIAL PHOTOGRAPHS



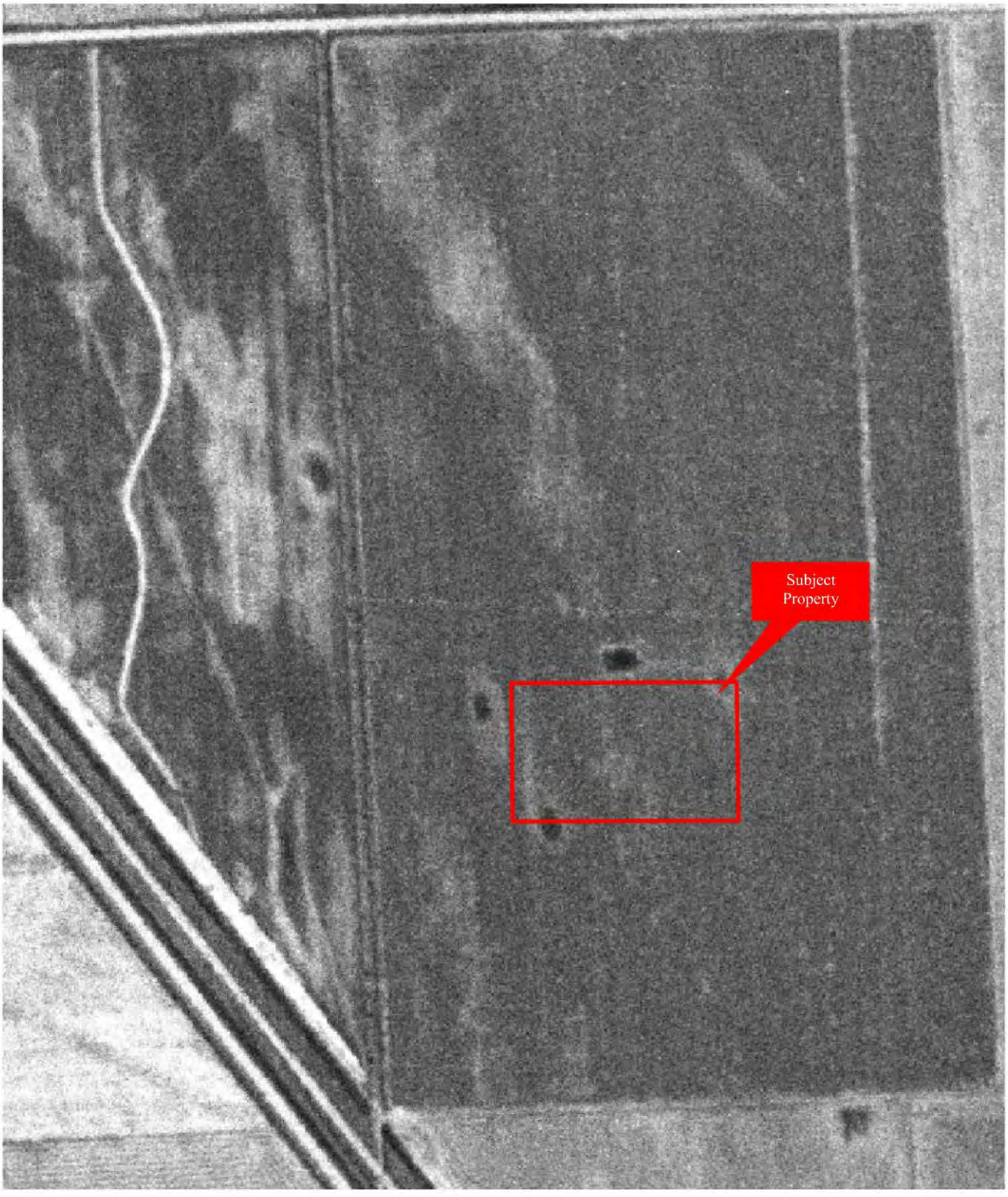
1939 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	



1948 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	



1952 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

1962 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

1979 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

1984 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

1991 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2005 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2006 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2008 AERIAL PHOTOGRAPH

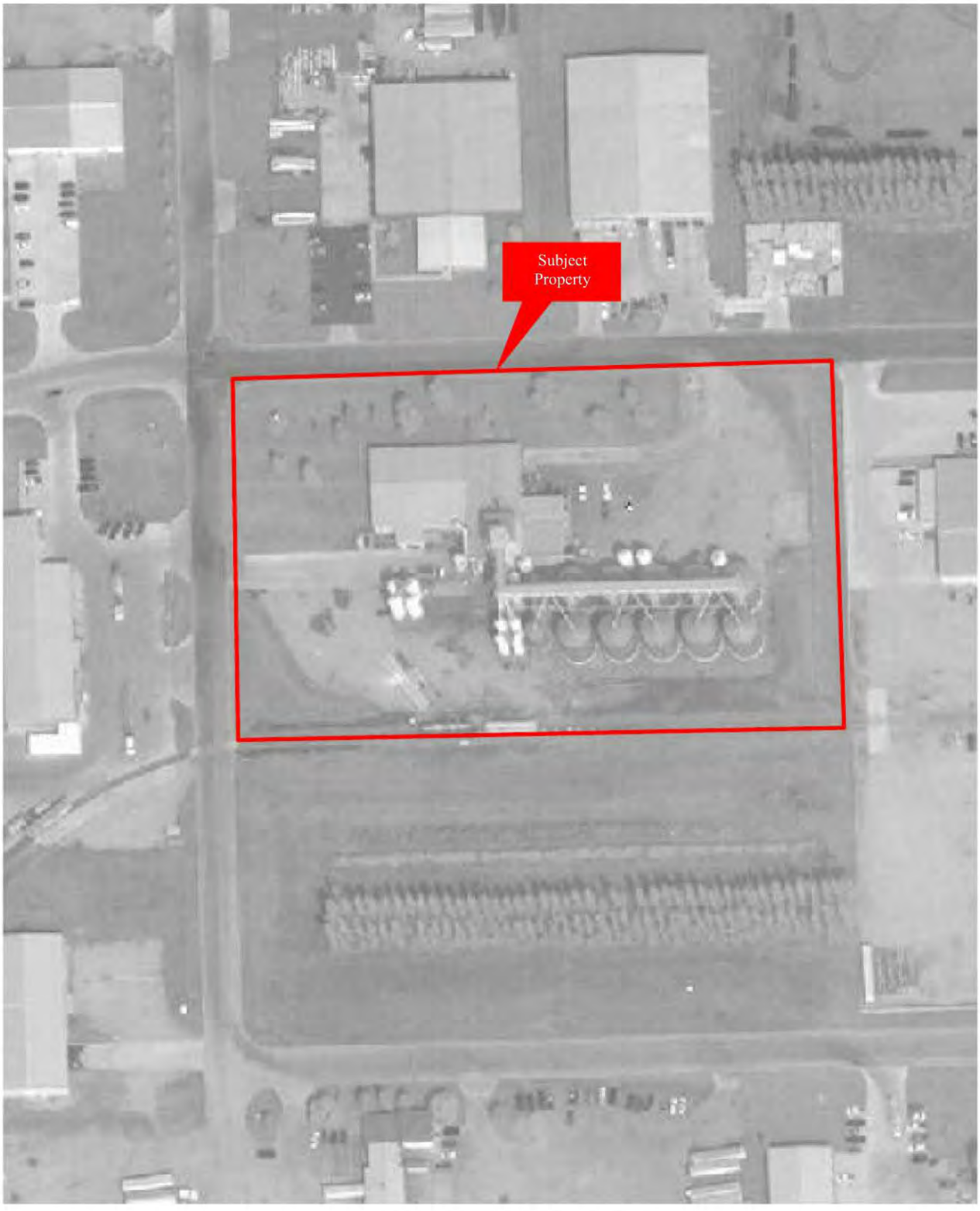
Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2009 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2010 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	



2014 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: TerraServer; Raleigh, NC		Property Boundaries are Approximate	

2015 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta – Moorhead 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20181063	N
Aerial Company & Location: TerraServer; Raleigh, NC		Property Boundaries are Approximate	

APPENDIX F
HISTORIC MAPS

Sunopta Facility
4111 30th Avenue
Moorhead, MN 56560

Inquiry Number: 4474194.3
November 23, 2015

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

11/23/15

Site Name:
Sunopta Facility
4111 30th Avenue
Moorhead, MN 56560

EDR Inquiry # 4474194.3

Client Name:
Property Solutions, Inc.
323 New Albany Road
Moorestown, NJ 08057

Contact: Brian Gallagher

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Property Solutions, 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:

Site Name: Sunopta Facility
Address: 4111 30th Avenue
City, State, Zip: Moorhead, MN 56560
Cross Street:
P.O. # NA
Project: 20151995
Certification # F5B4-4192-A88A

Sanborn® Library search results
Certification # F5B4-4192-A88A

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.

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 G
PREVIOUS REPORTS AND PLANS

Property Solutions INC.
Environmental & Engineering Consulting

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PHASE I ENVIRONMENTAL ASSESSMENT

Of

SunOpta – Moorhead, Minnesota
4111 30th Avenue South
Moorhead, Clay County, Minnesota 56560
BOA Project Number – 15-009127-ENV02-001

Prepared for:

Bank of America, NA
3985 Sugarloaf Parkway
Mail Code: GA7-913-01-01
Lawrenceville, Georgia 30044

Prepared by:

Property Solutions Incorporated
31A Northfield Avenue
Edison, New Jersey 08837

December 18, 2015

Property Solutions Project No. 20151995

Property Solutions INC.
Environmental & Engineering Consulting

31A Northfield Avenue • Edison, New Jersey 08837 • 732-417-0999 • Fax 732-417-0888

PHASE I ENVIRONMENTAL ASSESSMENT

Of

SunOpta – Moorhead, Minnesota
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Prepared for:

Bank of America, NA
3985 Sugarloaf Parkway
Mail Code: GA7-913-01-01
Lawrenceville, Georgia 30044

Prepared by:

Property Solutions Incorporated
31A Northfield Avenue
Edison, New Jersey 08837

Dated: December 18, 2015

Property Solutions Project No. 20151995

Glen Lee
Environmental Consultant

Shauna M. Coobick, PG.
Technical Manager

Donald P. Hessemer, CHM
Regional Director

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and we 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 the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Shauna M. Coobick

Shauna M. Coobick, PG.
Technical Manager

20151995

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PROJECT SUMMARY

Client Name/User:	Bank of America, NA	Property Visit Date:	December 8, 2015
Client Contact:	Ms. Lillias Short	Construction Date:	1986
Property Solutions Project No.:	20151995	No. Bldgs./Units:	One Bldg./One Unit
Property Solutions Project Manager:	Donald Hessemer	No. of Stories:	Two Stories
Phone No.:	732-417-0999 (Ext. 220)	Bldg. Square Footage:	18,192 safe
Email:	dhessemer@propertysolutionsinc.com	Property Acreage:	4.98 acres
Property Name:	SunOpta	Basement/Slab-on-grade:	Basement
Property Address:	4111 30th Avenue South	Property Use:	Soybean processing
Property Town, County, State:	Moorhead, Clay County, MN	Property History:	Agricultural land
Property Identification:	PIN 58.417.0100	Other Improvements:	Storage silos; trash enclosure; railroad spur; truck scale

Our review of general property information, observation of adjacent properties, research of historical property information, including a review of environmental records, and a property visit revealed the following:

	No Issue Identified	REC	CREC	HREC	De Minimis Conditions	ASTM Non-Scope Considerations	Refer to Section
Property Operations	X						2.4
Neighboring Properties	X						2.2
Historical Review	X						4.4.2
Previous Reports	X						4.5
Regulatory Review	X						4.3
USTs	X						4.1.1.1
ASTs	X						4.1.1.3
PCBs	X						4.1.1.4
Chemicals/Hazardous Materials/Raw Materials	X						4.1.1.6
Waste Generation/Disposal	X						4.1.1.7
Stressed Vegetation, Staining, and Odors	X						4.1.1.11
Surficial Disturbances	X						4.1.1.12
ACMs						(1)	4.6
Radon	X						4.1.2.1
Lead-Based Paint	X						4.1.2.2
Lead in Drinking Water	X						4.1.2.3

	No Issue Identified	REC	CREC	HREC	De Minimis Conditions	ASTM Non-Scope Considerations	Refer to Section
Other	X						

Notes: To understand the property and report, you must read the complete report.

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

ASTM Non-Scope Considerations

The following ASTM non-scope consideration was identified at the subject property based on the findings provided in this report:

(1) Based on the dates of construction (1986), suspect asbestos-containing materials (ACMs) may be present at the subject property. Suspect asbestos-containing ceiling tile, drywall and joint compound, and vinyl tile and mastic in overall undamaged condition were observed at the subject property at the time of the property visit.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

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EXECUTIVE SUMMARY

Property Solutions Incorporated (Property Solutions) conducted a Phase I Environmental Assessment of the SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560 (subject property) at the request of Bank of America, NA.

The subject property consists of a rectangular-shaped, 4.98-acre parcel of land located on the southeast corner of the intersection of 30th Avenue South and 41st Street South. The subject property is improved with a two-story industrial building constructed circa 1986 (subject building). The subject property is also improved with numerous storage silos, truck scale, a trash enclosure, and a railroad spur. The remaining portions of the subject property are covered with the associated paved parking areas, lawn areas, and landscaping. No water bodies are located on the subject property or the adjoining properties. Vehicular access to the subject property is gained via 41st Street South along the west side of the subject property and via 30th Avenue South to the north.

The subject building consists of wood-frame construction with a basement foundation. The gross area of the subject building is approximately 18,192 square feet. The subject building contained a single occupant. Interior wall finishes consisted of painted drywall. Floors were finished with 12" x 12" vinyl tiles, ceramic tiles, and carpet, as well as concrete. Ceiling finishes included 2' x 4' drop-in tiles, corrugated metal, and painted drywall. The subject building also contains a maintenance shop, an office area, a warehouse area, and electrical rooms. No renovations to the subject building were reported. The subject building is heated and cooled by natural gas and electricity.

The subject property was historically used as agricultural land prior to the construction of the subject building.

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

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Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

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1.0 INTRODUCTION

Property Solutions Incorporated (Property Solutions) conducted a Phase I Environmental Assessment of SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560 (subject property) at the request of Bank of America. Bank of America is considered the User, as defined in ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The subject property is identified as PIN 58.417.0100, according to the Clay County Assessor.

A property location map is included in Appendix A.

This Phase I Environmental Assessment was conducted in general accordance with Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013. The work was authorized by the Standard Engagement Letter (SEL) dated November 18, 2015 for BOA Project Number – 15-009127-ENV02-001.

Per the ASTM practice and throughout this report, the Client will be considered the same as the User in the ASTM E 1527-13 practice.

1.1 Purpose

The purpose of a Phase I Environmental Assessment is to evaluate issues that may have an impact on the subject property and to meet the purpose of Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013 and the ASTM E 1527-13 practice. The purpose is further described in Section 8.4. This report is for the purpose of determining whether to make a loan evidenced by a note secured by the property.

1.2 Scope of Work

This Phase I Environmental Assessment was conducted in accordance with Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013.

1.3 Significant Assumptions

The significant assumptions made by Property Solutions in this report are per Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013, ASTM E 1527-13 practice, and as described further in Section 8.5.

1.4 Special Terms and Conditions

This Phase I Environmental Assessment was prepared in accordance with the stated and agreed upon Scope of Work. This Phase I Environmental Assessment was prepared in accordance with Bank of America, NA's General Services Agreement Number CW481009 dated November 12, 2013. Special terms and conditions are described in Section 8.6.

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1.5 Reliance

Bank of America, N.A., its employees, agents, successors and assigns may rely upon this report in evaluating a request for an extension of credit to be secured by the subject property. This report may also be used and relied upon by (a) any additional lender extending credit to be secured by the subject property (the credit to be extended by Bank of America, N.A. and such additional lender is referred to as the (Mortgage Loan") and (b) any actual or prospective purchaser, transferee, assignee, or servicer of the Mortgage Loan (or any portion thereof), any actual or prospective investor (including agent or advisor) in any securities evidencing a beneficial interest in or backed by the Mortgage Loan (or any portion thereof), any rating agency actually or prospectively rating any such securities, any indenture trustee, and any institutional provider(s) from time to time of any liquidity facility or credit support for such financing. In addition, this report or a reference to this report may be included or quoted in any offering circular, private placement memorandum, registration statement or prospectus and Property Solutions agrees to cooperate in answering questions by any of the above parties in connection with a securitization or transaction involving the Mortgage Loan (or any portion thereof) and/or such securities. This report has no other purpose and should not be relied upon by any other person or entity.

1.6 Data Gaps

The following data gaps were identified during this Phase I Environmental Assessment:

- User provided information and responsibilities
- Interviews with property owner
- Historical information

Specific information concerning data gaps are presented in each applicable section of this report.

None of the above data gaps are considered significant.

2.0 GENERAL PROPERTY CHARACTERISTICS

2.1 Property Location

Property Location	
Property Name	SunOpta
Property Address	4111 30th Avenue South
Property Town, County, State, Zip	Moorhead, Clay County, Minnesota 56560
Property Tax Identification	PIN 58.417.0100 (Clay County Assessor)
Property Topographic Quadrangle	Sabin, Minnesota
Nearest Intersection	30th Avenue South and 41st Street South
Area Description	Moderately-developed, rural industrial

An excerpt from the USGS 7.5-minute series topographic quadrangle map of Sabin, Minnesota, locating the subject property, is included in Appendix A.

2.2 Adjacent Properties

Review of neighboring properties from the subject property and from public thoroughfares, and research of available information regarding the neighboring properties, were performed to identify evidence of environmental concerns that could adversely impact the subject property. The subject property is located in an industrial area of Moorhead, Minnesota.

Direction	Property	Address	Operations
North	30th Avenue South	Not applicable	Public thoroughfare
	RESCO	4100 30th Avenue South	Electrical supplies
	Norandex Distribution Inc.	4108 30th Avenue South	Building supplies
Northwest	Pioneer Seed	4050 30th Avenue South	Seed supplier
South	Vacant land	Not applicable	No observable use
	32nd Avenue South	Not applicable	Public thoroughfare
East	United Structural Components, LLC	4141 30th Avenue South	Currently vacant
West	41st Street South	Not applicable	Public thoroughfare
	Drywall Supply Central	3003 41st Street South	Contractor

Based on a review of neighboring properties from the subject property and from public thoroughfares, the neighboring properties do not appear to be of the type likely to pose a significant threat to the environmental condition of the subject property. The neighboring properties were not listed in the environmental database reviewed or Envirofacts, with the exception of the following.

- 4141 30th Avenue South: BULK
- 4050 30th Avenue South: WIMN

Based upon a review of the environmental database, the neighboring properties are not listed as having a known, suspected, or documented release; therefore, no further action is warranted at this time. These properties are further discussed in Section 4.3.2.

A property diagram including neighboring properties is included in Appendix B. Photographs including the neighboring properties are included in Appendix C.

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2.3 Property Description

Property Information	
Property Ownership Name	Sunrich (Clay County Assessor)
Date of Acquisition	Not provided
Property Acreage	4.98 acres (Clay County Assessor)
Property Shape	Rectangular
Property Use	Soybean processing, storage, packaging
Number of Buildings	One
Number of Stories	Two
Construction Date	1986 (Ms. Copeland, Plant Manager) Between 1984 and 1991 (aerial photographs)
Building Square Footage	18,192 square feet (Clay County GIS estimate)
Basement/Slab-on-grade	Basement
Number of Units	One
Ceiling Finishes	Painted drywall, corrugated metal, 2' x 4' drop-on tiles
Floor Finishes	12" x 12" vinyl tiles, ceramic tiles, carpet, concrete
Wall Finishes	Painted drywall
HVAC (Energy Source & Type of System)	Natural gas and electric forced air system
Renovation Date	None reported
Renovation Description	N/A
Vehicular Access	Via 30th Avenue South to the north and via 41st Street South to the west
Other Improvements	Storage silos, trash enclosure, railroad spur, truck scale
Property Coverage	Footprint of the subject building, storage silos associated parking areas, lawn areas, and landscaping

A property diagram of the subject property is included in Appendix B.

2.4 Property Operations

The subject property is utilized as a soybean processing plant with an elevator, bulk storage silos, and warehouse.

No environmental concerns were identified at the subject property based on the operations observed during the property visit.

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2.5 Utilities

Property Solutions was informed by Ms. Julie Copeland, Plant Manager, that the following companies and municipality currently provide utility services to the subject property:

Utility	Provider
Electricity	Moorhead Public Service
Natural Gas	Xcel Energy
Sanitary Sewerage	Moorhead Public Service
Potable Water	Moorhead Public Service
Solid Waste Removal	Waste Management
Fuel Oil	Not provided to subject property
Steam	Not provided to subject property

3.0 ENVIRONMENTAL SETTING

3.1 Regional Physiographic Conditions

Topographic Quadrangle Name	Sabin, Minnesota
Property Elevation	900 feet above mean sea level
Surface Gradient	Relatively level
Property Drainage	Overland flow
Regional Drainage	Northwest
Closest Perennial Water body	Red River of the North located approximately three miles west of the subject property

A copy of the USGS 7.5-minute series topographic quadrangle map of Sabin, Minnesota, is included in Appendix A.

3.2 Soil Conditions

Information Source	USDA Natural Resources Conservation Service's Web Soil Survey
Date of Information Source	Online query
Soil Name	Urban land – Aquerts complex
Description: The *Urban* land unit is in areas where more than 85 percent of the surface is covered by structures and paved areas. The natural soil cannot be observed. The *Aquerts* soils are classified as very deep, poorly-drained, derived from clayey glaciolacustrine deposits, and found on flats. A typical soil profile consists of layers of silty clay to a depth of 60 inches or more.	
Expected depth to bedrock	Greater than 80 inches

3.3 Geologic Conditions

Information Source	USGS Digital Data Series
Title of Publication	Minnesota Geologic Map Data
Date of Publication	Online query
Name of Unit	Mafic volcanic rocks
Description of Unit: Dominantly basalt that contains thin sedimentary units, including iron-formation. Includes parts of the Ely Greenstone and the Newton Lake Formation in northeastern Minnesota. Also includes metabasalt exposed in the Minnesota River Valley.	

3.4 Groundwater Conditions

Information Source	USGS
Title of Publication	Ground Water Atlas of the United States – Segment 9
Date of Publication	1992
Underlying Aquifer	Crystalline rock aquifers
Description: Generally unproductive but supply a few domestic wells where overlain by thin glacial drift. Water generally moves through secondary openings such as joints, fractures and faults. Because these openings are insignificant below depths of a few hundred feet, the availability of water is limited to this depth.	

Expected Depth to Shallow Groundwater	Greater than 20 feet
Information Source	USGS Topographic map
Expected Direction of Shallow Groundwater Flow	Northwest
Information Source	USGS Topographic map

4.0 RESULTS OF INVESTIGATION

4.1 Property Visit Observations

Property Visit Date	December 8, 2015
Property Solutions Personnel and Title	Glen Lee, Environmental Consultant
Property Escort Name	Ms. Julie Copeland
Property Escort Title	Plant Manager
Property Escort Company	SunOpta
Property Escort Affiliation	Company employee
Property Escort Years of Association with Subject Property: Since January 2015	
No presurvey questionnaire (PQ) was completed.	
Person Completing PQ Name	N/A
Person Completing PQ Company	N/A
Person Completing PQ Affiliation	N/A
Inaccessible Areas and Reason: None	

Property Visit Date	December 8, 2015
Weather Conditions: Partly cloudy	Approximate Temperature: 35 degrees F
Weather conditions limiting observations were noted.	
Describe Limiting Conditions Present: Snow cover was present, limiting observations of the ground surface.	

Property Solutions observed the following areas during the property visit:

- Areas observed – office, warehouse, maintenance shop, electrical rooms, elevators
- Exterior grounds including the periphery of the subject property and subject building
- Adjoining properties from public rights-of-way

Photographs taken during the property visit are included in Appendix C.

4.1.1 ASTM Scope Considerations

4.1.1.1 Underground Storage Tanks

No evidence of underground storage tanks (USTs) was observed on the subject property during the property visit. Ms. Copeland was not aware of USTs on the subject property.

Based upon the above information, no further action is recommended.

4.1.1.2 Oil and Gas Wells and Pipelines

No evidence of existing or historic high pressure natural gas or liquid petroleum transmission pipelines or wells was observed on the Subject Property. Review of available property maps and other research materials did not reveal the presence of existing or historic easements for high pressure natural gas or liquid petroleum transmission pipelines or wells on the Subject Property.

No further action is recommended.

4.1.1.3 Aboveground Storage Tanks

No petroleum aboveground storage tanks (ASTs) were observed on the subject property during the property visit. Ms. Copeland was not aware of petroleum ASTs on the subject property.

Aboveground bulk storage silos for the storage of soybeans were observed. No concerns were noted with regard to the silos.

Based upon the above information, no further action is recommended.

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4.1.1.4 Polychlorinated Biphenyl-Containing Electrical Equipment

A visual review was conducted for the presence of electrical equipment that could contain polychlorinated biphenyls (PCBs), an environmentally regulated material used in dielectric fluid in some electrical equipment. Moorhead Public Service provides electrical service to the subject property.

The following table identifies the transformers observed on the subject property during the property visit:

Transformer No.	Location	Pad/Pole-Mounted	Owner	PCB Labels	Utility Company Markings	Staining/ Leaking
1	East of office	Pad	Utility	No	Yes	No

Since the transformer is owned by Moorhead Public Service based upon observed markings and labels, and no spills or leaks were observed in the area of the transformer, this transformer is not expected to be an environmental concern at the subject property.

Per 40 CFR 761.20 PCBs at concentrations of 50 ppm or greater, or PCB Items with PCB concentrations of 50 ppm or greater, sold before July 1, 1979, for purposes other than resale may be distributed in commerce only in a totally enclosed manner after that date.

Per 15 USC Chapter 53, Subchapter I, Section 2605(e)(2)(A), except as provided under subparagraph (B), effective one year after January 1, 1977, no person may manufacture, process, or distribute in commerce or use any polychlorinated biphenyl in any manner other than in a totally enclosed manner and (i) no person may manufacture any polychlorinated biphenyl after two years after January 1, 1977, and (ii) no person may process or distribute in commerce any polychlorinated biphenyl after two and one-half years after such date.

Based on the date of construction (1986) of the subject building, the transformer is not expected to contain PCBs.

Dry-type transformers were observed in the electrical rooms. These transformers are not expected to pose a threat to the environmental condition of the subject property, due to the absence of liquid coolant.

Based upon the above information, PCB-containing electrical equipment is not expected to be an environmental concern at this time. No further action is recommended at this time.

4.1.1.5 Hydraulic Equipment

A truck scale is present at the subject property. No concerns were observed or reported with regard to the scale.

Per 40 CFR 761.20 PCBs at concentrations of 50 ppm or greater, or PCB Items with PCB concentrations of 50 ppm or greater, sold before July 1, 1979, for purposes other than resale may be distributed in commerce only in a totally enclosed manner after that date.

Per 15 USC Chapter 53, Subchapter I, Section 2605(e)(2)(A), except as provided under subparagraph (B), effective one year after January 1, 1977, no person may manufacture, process, or distribute in commerce or use any polychlorinated biphenyl in any manner other than in a totally enclosed manner and (i) no person may manufacture any polychlorinated biphenyl after two years after January 1, 1977, and (ii) no person may process or distribute in commerce any polychlorinated biphenyl after two and one-half years after such date.

Based on the date of construction (1986) of the subject building, the hydraulic equipment is not expected to contain PCBs.

Based upon the above information, no further action is recommended.

4.1.1.6 Chemical, Hazardous Materials, and Raw Materials Storage and Usage

Chemicals stored on the subject property are minimal quantities of domestic cleaning chemicals. Based on observations made during the property visit, they are not expected to be an environmental concern at this time.

In addition to the above, the following materials were observed to be stored and used on the subject property during the property visit:

Materials Storage

Material	Location	Container Type/Capacity	Quantity	Leaks/Spills	MSDS	Secondary Containment
Gasoline	Maint. room	Small containers	Several	No	Yes	Cabinet
Paints	Maint. room	Small containers	Several	No	Yes	Cabinet
Oils	Maint. room	Small containers	Several	No	Yes	Cabinet

Containers found on the subject property during the property visit were observed to have no leaks or spills, and appeared to be properly stored. The chemicals observed at the subject property during the property visit are not expected to have adversely impacted the environmental condition of the subject property.

Based upon the above information, the chemicals, hazardous materials, and raw materials stored and used on the subject property are not expected to be environmental concerns at this time. No further action is recommended.

4.1.1.7 Waste Generation, Storage, and Disposal

Solid waste generated at the subject property consisted of domestic municipal waste and recyclable materials. Solid waste at the subject property is stored in dumpsters located on the subject property. Municipal solid waste generated at the subject property is removed by Waste Management. Sanitary waste generated at the subject property is discharged to the Moorhead Public Service sanitary sewerage system.

The following wastes were observed to be generated and stored at the subject property during the property visit:

Waste	Location	Quantity	Spill/Leaks /Staining	Secondary Containment	Waste Manifest	Waste Handler
Used oil	Maintenance shop	1 drum	No	No	No	Delivered to Centex to burn in their oil burner (as needed)

Based upon the above information, waste generation, storage, and disposal are not expected to be environmental concerns at this time. No further action is recommended at this time.

4.1.1.8 Wells, Sumps, Pits, and Floor Drains

No wells were observed on the property during the property visit. Ms. Copeland was not aware of wells on the subject property.

Floor drains were located in the bathrooms. No staining was observed around or near the drains. Chemical storage was not observed in the proximity of the floor drains. According to Ms. Copeland, the floor drains discharge to the municipal sanitary sewerage system. No concerns were identified with regard to the floor drains located in the subject building.

A pit was located in the grain elevator. No staining was observed around or near the pit. The pit was observed to consist of concrete construction. According to Ms. Copeland, the pit discharges directly to the municipal sewer. No concerns were identified with regard to the pit located in the subject building.

A sump was located in the basement. No staining was observed around or near the sump. The sump was observed to consist of plastic construction. According to Ms. Copeland, the sump discharges directly to the municipal sanitary sewerage system. No concerns were identified with regard to the sump located in the subject building.

Based upon the above information, no further action is recommended.

4.1.1.9 Stormwater Runoff and Surface Water

The subject property is improved with the footprint of the subject building and associated paved parking areas. The remainder of the subject property consists of limited landscaped areas. Stormwater runoff is expected to exit the subject property via overland flow and enter the municipal stormwater collection system via storm drains located within the subject property's parking areas and along local roadways. Stormwater is also expected to percolate through the landscaped areas.

The 1972 Amendments to the Federal Water Pollution Control Act (commonly known as the Clean Water Act [CWA]) prohibit the discharge of any pollutant to waters of the United States from a point source unless the discharge is authorized by a National Pollutant Discharge Elimination System (NPDES) permit. In 1987, the CWA was again amended by Congress to require implementation of a comprehensive national program for addressing problematic non-agricultural, non-point sources of stormwater discharge. The rules and regulations of the NPDES program are included in 40 CFR 122.26.

Stormwater permitting for a property is based on the property's Standard Industrial Classification (SIC) Code (category of industrial activity). However, the NPDES program includes a "no exposure" exemption for facilities within an applicable category of industrial activity. Based on 40 CFR 122.26 B(14), the subject property must obtain an NPDES Stormwater Discharge Permit only if material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery is exposed to stormwater. As materials and activities described above are not associated with the subject property, stormwater permitting is not expected to be applicable at this time.

No surface water bodies (i.e., springs or swamps) were observed on the subject property.

Based upon the above information, stormwater runoff and surface water are not expected to be environmental concerns at this time. No further action is recommended at this time.

4.1.1.10 Lagoons, Ponds, Septic Systems, and Separators

No evidence of lagoons, ponds, septic systems, or separators was observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

4.1.1.11 Stressed Vegetation, Staining, and Odors

No evidence of stressed vegetation, staining, or odors was noted on the subject property during the property visit.

Based upon the above information, no further action is recommended.

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4.1.1.12 Surficial Disturbance

No evidence of surficial disturbances was observed on the subject property during the property visit.

Based upon the above information, no further action is recommended.

4.1.1.13 On-Property Dry Cleaners

No dry cleaning operations were observed at the subject property at the time of the property visit. Ms. Copeland was not aware of dry cleaning operations at the subject property.

No dry cleaners were identified during the historical review of the subject property. Ms. Copeland was unaware of historical dry cleaning operations at the subject property.

4.1.2 ASTM Non-Scope Considerations

4.1.2.1 Radon

The subject property is located in Zone 1 (Highest Potential) per the USEPA's Map of Radon Zones. According to the EPA's 1993 radon data, 14 canisters were placed at locations in Clay County. The mean value was 8.9 picoCuries per Liter (pCi/L). The USEPA action level is 4.0 pCi/L.

Based on the non-residential use and forced-air HVAC of the subject building, no further action regarding radon is recommended at this time.

4.1.2.2 Lead-Based Paint

Based on the date of construction of the subject building (1986), it is unlikely that lead-based paints (LBPs) were used during building construction. No further action is recommended.

4.1.2.3 Lead in Drinking Water

Drinking water for the subject property is provided by Moorhead Public Service. The Moorhead Public Service was required to perform system-wide lead screening of their water system starting in 1992, under the USEPA "Lead and Copper Regulations" (Federal Register Volume 56, No. 26460). These regulations, promulgated in June 1991, require public water systems to perform screening and provide for public notification and corrective action to reduce the lead hazards present in the water system.

Review of the Moorhead Public Service's 2014 Drinking Water Report indicated that the Moorhead Public Service public water supply has met the 90th percentile for the lead action level of 15 parts per billion (ppb), and is currently in compliance with the USEPA's Lead and Copper Regulations.

4.1.2.4 Potential Wetlands

No evidence of wetland areas was observed on the subject property during the property visit. Review of the United States Department of the Interior, National Wetland Inventory map of Sabin, Minnesota, revealed that no delineated wetlands are located on the subject property.

Based upon the above information, wetland areas are not expected to be an environmental concern at this time.

A copy of the wetland map is included in Appendix A.

4.1.2.5 Air Emissions

No major air emissions sources were identified at the subject property during the property visit.

Based upon the above information, air emissions are not considered a significant environmental concern at this time. No further action is warranted at this time.

4.2 Adjacent Property and Vicinity Observation

Review of neighboring properties from the subject property and from public thoroughfares, and research of available information regarding the neighboring properties, were performed to identify evidence of environmental concerns that could adversely impact the subject property. The subject property is located in an industrial area of Moorhead, Minnesota.

Based on a review of neighboring properties from the subject property and from public thoroughfares, the neighboring properties do not appear to be of the type likely to pose a significant threat to the environmental condition of the subject property. The neighboring properties were not listed in the environmental database reviewed or Envirofacts, with the exception of the following.

- 4141 30th Avenue South: BULK
- 4050 30th Avenue South: WIMN

The adjacent properties are further discussed in Section 2.2.

4.3 Results of Regulatory Agency List Review and File Research

4.3.1 USEPA Envirofacts

Property Solutions contacted the United States Environmental Protection Agency (USEPA) through an on-line search via the Internet to obtain information concerning the subject property. Property Solutions performed a search of Envirofacts, a USEPA-generated website that integrates data extracted from five major USEPA program systems: Aerometric Information

Retrieval System (AIRS)/AIRS Facility Subsystem (AFS), Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), Permit Compliance System (PCS), Resource Conservation and Recovery Information System (RCRIS) and Toxic Chemical Release Inventory System (TRIS), using two integrating databases: Facility Index System (FINDS) and Envirofacts Master Chemical Integrator (EMCI).

Property Solutions generated a printout of all facilities under the programs identified above that are located within the subject property's zip code (56560). The subject property and adjoining properties were not listed among the sites identified during the query search. The query was executed on November 22, 2015.

A copy of the search results is included in Appendix I.

4.3.2 Environmental Database Information

As part of the Phase I Environmental Assessment, Property Solutions utilized Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut, as an information source for regulatory agency environmental database records. The environmental database was dated November 23, 2015.

Data supplied by EDR is included in Appendix J. This database also includes the required documentation of sources checked as per Section 8.1.8 of the ASTM standard.

The following summary of the database information is divided into two columns. The first column lists sites as identified and located by EDR within the specified distance of the subject property. The second column lists orphan sites, which could not be located by EDR due to incomplete and/or inaccurate address information included in the United States Environmental Protection Agency (USEPA)/state databases, which Property Solutions identified as potentially lying within the search distance.

Although the exact locations of the orphan sites are frequently unknown, Property Solutions attempts to evaluate the potential adverse environmental impact that these sites may have on the subject property. This evaluation consists of reviewing street names in an effort to learn whether the street on which the site is located lies within the search distance of the subject property, a drive-by view of surrounding properties during the site visit, and evaluating the site type and information provided by government agencies. The orphan sites included in the following table are those Property Solutions identified as potentially located within the identified search distance. A complete list of sites is included in Appendix J.

Environmental Database Summary

Database	Search Distance	Plottable	Orphan
National Priorities List	1 Mile	0	0
State/Tribal Hazardous Waste Sites	1 Mile	0	0
RCRA Corrective Action Treatment/Storage/ Disposal (TSD) Facilities (CORRACTS)	1 Mile	0	0
Delisted National Priorities List	½ Mile	0	0
CERCLIS Sites	½ Mile	0	0
CERCLIS No Further Remedial Action Planned (NFRAP) Sites	½ Mile	0	0
RCRA Non-Corrective Action TSD Facilities	½ Mile	0	0
State/Tribal Voluntary Cleanup Sites	½ mile	0	0
State/Tribal Brownfield Sites/CERCLIS Equivalent	½ mile	0	0
State/Tribal Leaking Registered Storage Tank Sites	½ Mile	0	0
State/Tribal Solid Waste Landfill Sites/Facilities	½ Mile	1	0
Historic Landfills	½ Mile	0	0
Federal/State/Tribal Engineering Controls Registries	½ Mile	0	0
Federal/State/Tribal Institutional Controls Registries	½ Mile	0	0
RCRA Large Quantity Generators	Subject Property and Adjoining Properties	0	0
RCRA Small Quantity Generators	Subject Property and Adjoining Properties	0	0
RCRA Non Generators	Subject Property and Adjoining Properties	0	0
State/Tribal Registered Storage Tank Sites	Subject Property and Adjoining Properties	0	0
Manifest	Subject Property	0	0
Spill/Release Sites	Subject Property	0	0
Facility Index System (FINDS)	Subject Property	0	0
Emergency Response Notification System	Subject Property	0	0
Tier 2	Subject Property	1	0
BULK Sites	Subject Property and Adjoining Properties	1	0
WIMN Sites	½ Mile	21	0

Database Summary

A complete copy of the database report is attached as an appendix to this report. Those sites noted within the search distance with a closed status from regulators, or not listed with known, documented, or suspected release sites will not be discussed below but can be referred to in the database report. The above sites are not expected to significantly impact the subject property

based on the regulatory status listed. In addition, those remaining sites which are expected to be hydraulically downgradient, at a sufficient distance from the subject property, or due to the urban setting and density of the area, will not be discussed below but can be referred to in the database report. These above sites are not expected to significantly impact the subject property based on the above factors and as per ASTM E 1527-13.

The following is a discussion of the database findings:

Subject and Adjoining Properties

The subject property was listed as a Tier 2 site. The adjoining properties were listed as follows.

- 4141 30th Avenue South: BULK
- 4050 30th Avenue South: WIMN

Per ASTM 1527-13, if the property or any of the adjoining properties is identified on one or more of the standard environmental record sources in 8.2.1, pertinent regulatory files and/or records associated with the listing should be reviewed in accordance with 8.1.1 through 8.1.8. The purpose of the regulatory file review is to obtain sufficient information to assist the environmental professional in determining if a recognized environmental condition, historical recognized environmental condition, controlled recognized environmental condition, or a de minimis condition exists at the property in connection with the listing. If, in the environmental professional's opinion, such a review is not warranted, the environmental professional must explain within the report the justification for not conducting the regulatory file review. As an alternative, the environmental professional may review files/records from an alternative source(s).

Record information that is not publically available, obtainable within reasonable cost and time constraints, or practically reviewable is considered as being not reasonably ascertainable and is beyond the scope of the Phase I Environmental Assessment. Record information that costs greater than $125 to obtain or requires more than two hours of environmental scientist time to obtain and review is beyond the scope of the Phase I Environmental Assessment.

Further information regarding these listings is provided below.

State/Tribal Solid Waste Landfill Sites/Facilities

1.	Site Name:	PACTIV Corp
	Address:	3010 42nd Street South Moorhead, Minnesota
	Facility ID No.:	Not reported
	Distance:	Less than ⅛ mile
	Direction:	East-southeast
	Gradient:	Upgradient
	Type of Operation:	Not reported

	Authorized Wastes:	Not reported
	Status:	Not reported

Tier 2

1.	Site Name:	Earthwide Processors
	Address:	4111 30th Avenue South
		Moorhead, Minnesota
	Facility ID No.:	141450051
	Reporting Year:	2004
	Chemical Name:	Grain dust

BULK

1.	Site Name:	Gavilon Fertilizers
	Address:	4141 30th Avenue South
		Moorhead, Minnesota
	License No.:	20148688
	Distance:	Adjacent property
	Direction:	East
	Gradient:	Upgradient
	Facility Type:	Bulk pesticide/fertilizer storage

WIMN

1.	Site Name:	Pioneer Hi-Bred International
	Address:	4050 30th Avenue South
		Moorhead, Minnesota
	Distance:	Adjacent property
	Direction:	Northwest
	Gradient:	Downgradient
	Status:	Active
	Activity:	Hazardous Waste, small quantity generator

The potential for obvious vapor encroachment from volatile organic compounds and petroleum products on the subject property or from nearby properties listed in the above databases with known or suspected releases was evaluated.

No activity and use limitations at the subject property indicating vapor encroachment was identified during this assessment.

Based on standard sources reviewed in Section 4.0 and observations made during the property visit, no significant releases of chemicals of concern have occurred on the subject property. No significant release of chemicals of concern has occurred on the adjacent properties.

Based on the above information, no further action is recommended at this time regarding potential vapor encroachment at the subject property.

4.3.3 Local Lists

The below local types of records were researched or requested from third parties, the Key Site Manager or local regulatory agencies:

- Local Brownfield Lists
- Local Lists of Landfill/Solid Waste Disposal Sites
- Local Lists of Hazardous Waste/Contaminated Sites
- Local Lists of Registered Storage Tanks
- Local Land Records (For AULs)
- Records of Emergency Release Reports
- Records of Contaminated Public Wells

The above information is discussed in Sections 4.3.1, and 4.4.4 and was duplicative of those sections.

4.3.4 Database Proprietary Lists

The subject property and adjoining properties were not listed in the EDR proprietary information searched in the EDR database.

4.4 Results of Property History and Land Use Review

4.4.1 User Provided Information and Responsibilities

This section is to describe tasks to be performed by the User. The "All Appropriate Inquiries" (AAI) Final Rule (40 CFR Part 312) requires that these tasks be performed by or on behalf of a party seeking to qualify for an LLP to CERCLA liability. While such information is not required to be provided to the environmental professional, the environmental professional shall request that the user provide the results of these tasks as such information can assist the environmental professional in identifying recognized environmental conditions.

Per the ASTM standard, the environmental professional shall note in the report whether or not the User has reported to the environmental professional information pursuant to Section 6 of the ASTM standard.

Bank of America (User) is performing the Phase I Environmental Assessment for determining whether to make a loan evidenced by a note secured by the property and not for pre-purchase due diligence.

Since Bank of America has only recently become involved with the subject property, their knowledge of the subject property and environmental conditions is limited to information provided by the mortgage broker, previous investigations provided by the borrower broker, and by the borrower. Therefore, it is not expected that data gaps created by unanswered questions of the User (Bank of America) are significant. It is expected that Bank of America has facilitated interviews and information exchange with those knowledgeable of the property as best as possible.

There is a specific exemption, the so-called "lender liability" exemption, for a person, who without participating in the management of a facility, holds indicia of ownership primarily to protect his or her security interest in the vessel or facility (42 USC 9601(20)(A)(iii)).

In September 1996, Congress passed the Asset, Conservation, Lender Liability, and Deposit Insurance Act [Title II, Subtitle E, Sections 2502-2505 of the 1996 Omnibus Appropriations bill]. Reportedly, under the act, lenders that do not exercise decision making control over the property during the term of the loan will not risk federal liability.

User Questionnaire

The User has chosen not to complete the questionnaire citing a lack of pertinent knowledge of the environmental condition of the property in their role solely as a secured creditor. As Bank of America has no specific knowledge of the property unless otherwise noted and operations, they requested the consultant pursue this information.

A Key Site Manager Questionnaire was submitted to Mr. Bill Looser to be completed prior to the property visit.

Contact Company	SunOpta
Contact Name	Mr. Bill Looser
Contact Title	VP EHS Manager
Phone/Fax/Email	952-893-7871
Contact Date	November 20, 2015
Request Medium	E-mail
Questionnaire completed?	NO
Completed by?	Not applicable
Response Date	Not applicable
Form of Response	Not applicable
Was the questionnaire completed and returned prior to the property visit?	NO

As Bank of America did not complete the User Questionnaire, per the ASTM standard, this is considered a data gap; however, the data gap is not considered significant.

Title and Judicial Records

Per ASTM E 1527-13 Section 6.2, the User is required to provide and/or report to the environmental professional any environmental liens or activity and use limitations (AULs) so identified for the subject property. The environmental professional per the ASTM practice is not responsible to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations.

No title records or information was provided to Property Solutions by the User.

The User did not request Property Solutions to coordinate with a title company or title professional to undertake a review of Recorded Land Title records and judicial records for environmental liens or AULs.

Therefore, no title records were searched and no information was provided for environmental liens and AULs which is the responsibility of the User. Per the ASTM standard this is considered a data gap.

Environmental Liens or Activity and Use Limitations

Per ASTM E 1527-13 the User is required to provide and/or report to the environmental professional any environmental liens or AULs so identified for the subject property. The environmental professional per the ASTM practice is not responsible to undertake a review of information to identify environmental liens or AULs.

The User did not provide information on environmental liens and AULs. The User is not aware of environmental liens or AULs.

The User is not the owner, operator, prospective purchaser or tenant of the subject property.

No information concerning environmental liens and AULs was provided by the key site manager of the subject property.

Knowledge of the User

Per the ASTM standard, the Users must take into account their specialized knowledge to identify conditions indicative of releases or threatened releases. If the user has any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property, the user should communicate any information based on such specialized knowledge or experience to the environmental professional. The user should do so before the environmental professional conducts the property visit.

Since Bank of America has only recently become involved with the subject property, their knowledge of the subject property and environmental conditions is limited to information provided by the mortgage broker, previous investigations provided by the borrower or broker,

and by the borrower. As Bank of America has no specific knowledge of the property and operations, they requested the consultant pursue this information.

The key site manager had no specialized knowledge, actual knowledge, experience, or commonly known and reasonably ascertainable information within the local community concerning recognized environmental conditions at the subject property.

Valuation Reduction for Environmental Issues

Per the ASTM standard, in a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The User should try to identify an explanation for a significantly lower price which does not reasonably reflect fair market value if the property was not contaminated, and make a written record of such explanation. The ASTM standard does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property.

This report was prepared for potential pre-lending purposes and not for a purchase.

Reason for Performing the Phase I Environmental Assessment

Bank of America (User) is performing the Phase I Environmental Assessment for determining whether to make a loan evidenced by a note secured by the property and not for pre-purchase due diligence.

Helpful Documents Provided Prior to Property Visit

Per the ASTM standard, prior to the property visit, the property owner, key site manager (if any is identified), and User (if different from the property owner) shall be asked if they know whether any of the documents below exist and if so, whether copies can and will be provided within reasonable time and cost constraints including partial information. This information is to be provided prior to or at the beginning of the property visit.

Documents	User		Key Site Manager		Property Owner	
	Exist	Provided	Exist	Provided	Exist	Provided
ESA reports	No response	NA	No	NA	No response	NA
Environmental compliance audit reports	No response	NA	No	NA	No response	NA
Environmental permits	No response	NA	No	NA	No response	NA
UST/AST registrations	No response	NA	No	NA	No response	NA
Underground Injection permits	No response	NA	No	NA	No response	NA
MSDSs	No response	NA	Yes	Yes	No response	NA

Documents	User		Key Site Manager		Property Owner	
	Exist	Provided	Exist	Provided	Exist	Provided
Community Right-to-Know plan	No response	NA	No	NA	No response	NA
Safety plans	No response	NA	No	NA	No response	NA
SPCC plans	No response	NA	No	No	No response	NA
Emergency preparedness and prevention plans	No response	NA	No	No	No response	NA
Hydrogeologic reports	No response	NA	No	NA	No response	NA
Government agency correspondence and violations	No response	NA	No	NA	No response	NA
Hazardous waste generator notices or reports	No response	NA	No	No	No response	NA
Geotechnical studies	No response	NA	No	NA	No response	NA
Risk assessments	No response	NA	No	NA	No response	NA
Recorded AULs	No response	NA	No	NA	No response	NA
Environmental liens	No response	NA	No	NA	No response	NA
Other	No response	NA	No	NA	No response	NA

No response to our request for the above helpful documents was provided by the User or Property Owner. This is considered a data gap.

Proceedings Involving the Property

Per the ASTM standard, prior to the site visit, the User (if different from the property owner), Key site manager (if any is identified), and property owner shall be asked whether they know of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

The key site manager indicated based on a response dated December 8, 2015 via interview that they have no knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

The User and property owner did not respond whether they have knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. The lack of response is considered a data gap.

User Identified Personnel

As per ASTM E1527-13, Property Solutions requested information for current and past property personnel. The information and contacts below were identified and/or provided by the User/Client.

	Name	Company
User	Ms. Lillias Short	Bank of America, NA
Key Site Manager	Ms. Julie Copeland	SunOpta
Current Property Owner Representative	Mr. Bill Looser	SunOpta

4.4.2 Historical Property Information

The history of the subject property was researched to evaluate potential historical uses of the subject property of environmental concern.

The below standard historical sources were researched:

Standard Historical Source Summary

Historical Source	Source Checked?	Source	Earliest Date Obtained
Aerial Photos	Yes	EDR/TerraServer	1939
Fire Insurance Maps	Yes	EDR	No Coverage
Property Tax File	Yes	Clay County Assessor	2015
Recorded Land Title Records	No	N/A	N/A
USGS 7.5 Minute Topo Maps	Yes	USGS	1964
Local Street Directories (city directories)	Yes	Moorhead Public Library	No coverage
Building Department Records	Yes	City of Moorhead	No response to information request
Zoning/Land Use Records	Yes	City of Moorhead	No response to information request
Other Historical Sources	No	N/A	N/A
Miscellaneous Maps/Plans	No	N/A	N/A
Newspapers	No	N/A	N/A
Records	No	N/A	N/A
Other Directories/ Phone books	No	N/A	N/A
Prior Use Interviews	Yes	Property Contact	2015
Previous Reports	No	N/A	N/A

Historical Source	Source Checked?	Source	Earliest Date Obtained
Chain of Title	No	N/A	N/A
AULs and Environmental Liens	No	N/A	N/A

Based on the above information and sources searched above, per ASTM E 1527-13 historical use information is deemed sufficient to comply with ASTM E 1527-13 concerning Data Failure.

Historical Property Information

The following is a summary of the historical use of the subject property based on a review of the standard historical source information that is further described below:

Decade	Property Use	Standard Source/Source
1900	No information reasonably ascertainable	Not applicable
1910	No information reasonably ascertainable	Not applicable
1920	No information reasonably ascertainable	Not applicable
1930	Agricultural land	Aerial Photographs/EDR
1940	Agricultural land	Aerial Photographs/EDR
1950	Agricultural land	Aerial Photographs/EDR
1960	Agricultural land	Aerial Photographs/EDR
1970	Agricultural land	Aerial Photographs/EDR
1980	Undeveloped land	Aerial Photographs/EDR
1990	Developed with the subject building and elevator.	Aerial Photographs/EDR
2000	No Major Changes	Aerial Photographs/EDR
2010	No Major Changes	Aerial Photographs/EDR and TerraServer

City Directories

Property Solutions contacted Reference Librarian of the Moorhead Public Library requesting information on historical city directories for Moorhead, Minnesota. According to the Reference Librarian, no city directories are available for the subject property in the Moorhead Public Library collection.

Aerial Photographs

Year	1939, 1948, 1952, 1962, 1979
Information Source	EDR
Description of Subject Property: Agricultural land	
Description of Northerly Adjoining Property: Agricultural land	
Description of Southerly Adjoining Property: Agricultural land	
Description of Easterly Adjoining Property: Agricultural land	
Description of Westerly Adjoining Property: Agricultural land	

Year	1984
Information Source	EDR
Description of Subject Property: Undeveloped, cleared land with a railroad spur	
Description of Northerly Adjoining Property: Developed with a road and beyond is undeveloped, cleared land.	
Description of Southerly Adjoining Property: Undeveloped, cleared land	
Description of Easterly Adjoining Property: Undeveloped, cleared land	
Description of Westerly Adjoining Property: Developed with a road and beyond is undeveloped, cleared land.	

Year	1991
Information Source	EDR
Description of Subject Property: Developed with the subject building and storage bins and a railroad spur.	
Description of Northerly Adjoining Property: No major changes	
Description of Southerly Adjoining Property: No major changes	
Description of Easterly Adjoining Property: No major changes	
Description of Westerly Adjoining Property: No major changes	

Year	2005, 2006, 2008, 2009, 2010 2014, 2015
Information Source	EDR TerraServer
Description of Subject Property: No major changes	
Description of Northerly Adjoining Property: Developed with a road and beyond with structures similar in configuration to the present-day industrial buildings.	
Description of Southerly Adjoining Property: Undeveloped lot	
Description of Easterly Adjoining Property: Developed with a structure similar in configuration to the present-day industrial building.	
Description of Westerly Adjoining Property: Developed with a road and beyond with a structure similar in configuration to the present-day industrial building.	

Review of the aerial photographs revealed that the subject building was constructed after 1984 and prior to 1991. The aerial photographs revealed that the subject property consisted of agricultural land prior to the construction of the subject building.

No evidence of environmental concern on or adjacent to the subject property was revealed during a review of the aerial photographs.

Copies of the aerial photographs are included in Appendix E.

Fire Insurance Maps

Fire insurance maps that include the subject property were requested from Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut. EDR has informed Property Solutions that no historical map coverage is available for the subject property in the EDR historical map collection.

A copy of EDR's statement of no coverage is included in Appendix F.

Topographic Quadrangle Map

Topographic Quadrangle Map Name	Sabin, Minnesota
Year published	1964
Aerial photograph year map based on	1962
Year photorevised	1971
Aerial photograph year photorevision based on	1971
Color of photorevisions	Purple
Description of Subject Property: Depicted as vacant land.	
Description of Northerly Adjoining Property: Depicted as vacant land.	
Description of Southerly Adjoining Property: Depicted as vacant land.	
Description of Easterly Adjoining Property: Depicted as vacant land.	
Description of Westerly Adjoining Property: Depicted as vacant land.	

No environmental concerns were identified based upon a review of the Sabin, Minnesota topographic quadrangle map.

A portion of the USGS 7.5-minute series topographic quadrangle map of Sabin, Minnesota, which includes the subject property, is included in Appendix A.

Prior Use Interviews

Property Contact Name	Ms. Julie Copeland
Property Contact Title	Plant Manager
Property Contact Company	SunOpta
Association with Property	Property employee
Years Associated with Subject Property	Since January 2015

Property History: Not familiar with the history of the subject property.

Other Information: No environmental concerns were noted.

No environmental concerns were identified during the interview with Ms. Copeland.

Historical Use Summary

Based on a review of the historical sources, the subject property consisted of undeveloped land prior to construction in 1986.

Per ASTM E 1527-13, "8.3.2 Uses of the Property—All obvious uses of the property shall be identified from the present, back to the property's first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources in 8.3.4.1 through 8.3.4.8 as are necessary and both reasonably ascertainable and likely to be useful (as described under Data Failure in 8.3.2.3). Such confirmation may come from one or more of the standard historical sources specified in 8.3.4.1 through 8.3.4.8, or it may come from other historical sources (such as someone with personal knowledge of the property; see 8.3.4.9). However, checking other historical sources (see 8.3.4.9) is not required. For purposes of 8.3.2, the term "developed use" includes agricultural uses and placement of fill dirt. The report shall describe all identified uses, justify the earliest date identified (for example, records showed no development of the property prior to the specific date), and explain the reason for any gaps in the history of use (for example, data failure)."

Per ASTM E 1527-13, "8.3.2.3 Data Failure—the historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data Failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Data failure is not uncommon in trying to identify the use of the property at five year intervals back to first use or 1940 (whichever is earlier). Notwithstanding a data failure, standard historical sources may be excluded if: (1) the source is not reasonably ascertainable, or (2) if past experience indicates that the source is not likely to be sufficiently useful, accurate, or complete in terms of satisfying the objectives. Other historical sources specified in 8.3.4.9 may be used to satisfy the objectives, but are not required to comply with this practice. If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for their exclusion. If the data failure represents a significant data gap, the report shall comment on the impact of the data gap on the ability of the environmental professional to identify recognized environmental conditions."

Based on the above information and standard historical sources searched, data failure has occurred. However, historical use information is deemed sufficient to comply with the ASTM Standard.

Standard historical information is included in the appendices of this report.

4.4.3 Interviews

The objective of interviews is to obtain information indicating Recognized Environmental Conditions in connection with the subject property as well as AULs. Property Solutions interviewed or made good faith efforts to interview the following:

Represents	Interviewed	Name and title	Comments
Current Property Owner	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Previous Property Owner	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Owner Representative	Mr. Bill Looser	VP, EHS SunOpta	No environmental concerns were noted.
Previous Property Owner Representative	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Key Site Manager	Ms. Julie Copeland	Plant Manager, SunOpta	No environmental concerns were noted.
Previous Key Site Manager	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Occupants	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Previous Property Occupants	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Major Occupant	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Previous Property Major Occupant	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Current Property Operator	Ms. Julie Copeland	Plant Manager, SunOpta	No environmental concerns were noted.
Previous Property Operator	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.
Neighboring Property Owner	No	Not applicable	Subject property is not considered an abandoned property where there is evidence of potential unauthorized uses of the abandoned property or evidence of uncontrolled access to the abandoned property, therefore no interview with the neighboring property owners was performed.
Neighboring Property Occupants	No	Not applicable	User did not provide name or contact information nor did they coordinate or facilitate the interview.

4.4.4 Property Specific Records

During the course of the assessment of the subject property, Property Solutions contacted the following local, county, and state agencies and companies via phone, letter, or in person.

Department of Health

Agency name	Clay County Public Health Department
Contact name	Not provided
Contact title	FOIA Officer
Address	715 11th Street North
City	Moorhead
State	Minnesota
Contact date	November 23, 2015
Request medium	Letter
Response date	No Response
Form of response	Not Applicable

A response has not been received at the time of this report.

Fire Department

Agency name	Moorhead Fire Department
Contact name	Chad Strangeland
Contact title	Assistant Chief Fire Marshal
Address	111 12th Street North
City	Moorhead
State	Minnesota
Contact date	November 23, 2015
Request medium	Fax 218-299-5072
Response date	November 30, 2015
Form of Response	Email

Response: Mr. Chad Stangeland, Assistant Chief Fire Marshal, provided Property Solutions with a copy of a fire report from 2008. No environmental concerns were identified with regards to the report.

Planning/Zoning Department

Agency name	Moorhead Planning & Neighborhood Services Department
Contact name	Not provided
Contact title	FOIA Officer
Address	500 Center Avenue
City	Moorhead
State	Minnesota
Contact date	November 23, 2015
Request medium	Letter
Response date	No Response
Form of response	Not Applicable

A response has not been received at the time of this report.

Building Department/Inspection Department

Agency name	Moorhead Planning & Neighborhood Services Department
Contact name	Not provided
Contact title	FOIA Officer
Address	500 Center Avenue
City	Moorhead
State	Minnesota
Contact date	November 23, 2015
Request medium	Letter
Response date	No Response
Form of response	Not Applicable

A response has not been received at the time of this report.

Tax Assessor/Tax Department

Agency name	Clay County Assessor
Contact name	N/A
Contact title	N/A
Address	N/A
City	N/A
State	Minnesota
Contact date	November 22, 2015
Request medium	http://claycountymn.gov/296/Property-Map-Search
Response date	December 8, 2015
Form of response	Online

Response:

Property Solutions visited the Clay County Assessor webpage which provided Property Solutions with a copy of a tax map for the subject property and the surrounding area and a copy of the tax information card for the subject property.

Based on Property Solutions review of the tax map and tax information cards, the subject property is identified as PIN 58.417.0100 and consists of a rectangular-shaped, 4.98-acre parcel of land owned by Sunrich. Information regarding property improvements and previous ownership was not provided by the online report.

A copy of the tax map is included in Appendix A.

Electrical Utility

The electric utility was not contacted for this assessment.

Sewer Department/Provider

Agency name	Moorhead Public Works Department
Contact name	Not provided
Contact title	FOIA Officer
Address	500 Center Avenue
City	Moorhead
State	Minnesota
Contact date	November 23, 2015
Request medium	Letter
Response date	No Response
Form of response	Not Applicable

A response has not been received at the time of this report.

Water Department/Supplier

Agency name	Moorhead Public Works Department
Contact name	Not provided
Contact title	FOIA Officer
Address	500 Center Avenue
City	Moorhead
State	Minnesota
Contact date	November 23, 2015
Request medium	Letter
Response date	No Response
Form of response	Not Applicable

A response has not been received at the time of this report; however, a review of the 2014 Drinking Water Report published by Moorhead Public Service indicates that the municipal water supplied to the subject property meets federal and state drinking water standards.

Others

No other agencies or individuals were contacted.

State Environmental Agency

Agency name	Minnesota Pollution Control Agency
Contact name	Not provided
Contact title	FOIA Officer
Address	520 Lafayette Road North
City	St. Paul
State	Minnesota
Contact date	November 23, 2015
Request medium	Online FOIA submission
Response date	No Response
Form of response	Not Applicable

A response has not been received at the time of this report.

State Online Database Information/GIS

Agency name	Minnesota Pollution Control Agency
Contact name	Not provided
Contact title	Online
Address	Online
City	Minnesota
State	December 10, 2015
Contact date	online,http://www.pca.state.mn.us/index.php/data/wimn-whats-in-my-neighborhood/whats-in-my-neighborhood.html
Request medium	Minnesota Pollution Control Agency
Response date	December 10, 2015
Form of response	Online

The subject property was not listed.

At the time this report was prepared, some of the above local, county, and state agencies and companies had not responded to our information request as indicated.

According to ASTM E 1527-13, Section 8.1.5, information that has been requested must be reasonably ascertainable as part of performing the Phase I Environmental Assessment. Information that is reasonably ascertainable per ASTM means that information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request.

Copies of the letters and records of communication are included in Appendix I.

4.5 Synopsis of Previous Environmental Investigations and Plans

Property Solutions did not receive and is not aware of previous environmental reports or plans pertaining to the subject property.

4.6 Asbestos-Containing Material

During the course of the property visit, Property Solutions performed a preliminary review of interior, accessible areas of the subject building for the presence of suspect asbestos-containing materials (ACMs). This limited review was conducted for overview purposes only; additional suspect materials may exist in concealed locations (behind walls and above ceilings, within machinery, etc.). Also, not all suspect materials may have been sampled due to the condition or the location of the suspect materials. Destructive sampling of suspect ACMs was not performed. Suspect ACMs in an overall undamaged condition were not sampled, as that will damage the materials. Property Solutions will not be responsible for damaging materials or causing the materials to become friable. The USEPA defines asbestos-containing material as material

containing greater than one percent asbestos. This review was not a pre-demolition/renovation survey or for regulatory submittal purposes.

Suspect ACMs were observed within the subject building during the property visit. The suspect ACMs are listed in the following tables.

Friable Materials

Sample No.	Description of Material	Material Classification	Location	Condition	Approx. Amount	% Asbestos/ Type
NS	2x4 ceiling tile	MISC	Office	Undamaged	1,000 s.f.	SACM

NS - Not sampled
SACM - Suspect asbestos-containing material per USEPA Green Book
s.f. - Square feet
MISC - Miscellaneous

Non-Friable Materials

Sample No.	Description of Material	Material Classification	Location	Condition	Approx. Amount	% Asbestos/ Type
NS	12x12 vinyl tile and mastic	MISC	Office	Undamaged	1,000 s.f.	SACM
NS	Drywall and joint compound	MISC	Office	Undamaged	2,000 s.f.	SACM

NS - Not sampled
SACM - Suspect asbestos-containing material per USEPA Green Book
s.f. - Square feet
MISC - Miscellaneous

Based on the limited visual review conducted by Property Solutions, suspect asbestos-containing ceiling tile, floor tile and mastic, drywall and joint compound were identified at the subject property. These materials were observed to be in an overall undamaged condition at the time of the property visit.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

4.7 Mold/Water Intrusion

During the course of the Phase I Environmental Assessment property visit, Property Solutions performed limited observations for obvious signs of moisture, water intrusion, and potential mold at the subject property. This was performed for overview purposes only and is not a mold assessment or inspection for regulatory submittal purposes. Additional areas may exist in areas

not observed or in concealed locations (behind walls and above ceiling tiles, etc.). This was a limited visual review during a Phase I Environmental Assessment property visit of easily accessible areas for obvious signs of water intrusion and potential mold. An engineering assessment and property maintenance personnel should be consulted to verify water intrusion due to engineering concerns and deficiencies and addressed as appropriate.

Molds produce tiny spores to reproduce, which waft through the indoor and outdoor air continually. When mold spores land on a damp spot indoors, they may begin growing and digesting whatever they are growing on in order to survive. There are molds that can grow on wood, paper, carpet, and foods. When excessive moisture or water accumulates indoors, mold growth will often occur, particularly if the moisture problem remains undiscovered or un-addressed. There is no practical way to eliminate all molds and mold spores in the indoor environment; the way to control indoor mold growth is to control moisture. In addition, mold growth may be a problem after flooding.

Standards or Threshold Limit Values (TLVs) for airborne concentrations of mold, or mold spores, have not been set. Currently, there are no USEPA regulations or standards for airborne mold contaminants.

Ms. Copeland was unaware of past water damage or historic leaks.

No obvious visual evidence of mold, water intrusion, water damage, or standing water was observed in the interior portions of the subject building accessed by Property Solutions during the property visit. No musty odors indicative of a moisture problem or porous materials such as carpets and insulation in damp niches were observed during the property visit. No botanical materials such as bark chips or potted plants in moist locations such as an atrium were observed during the property visit. No indoor water features such as fountains, indoor waterfalls, or indoor swimming pools were observed in the subject building. Ms. Copeland was unaware of reported odor complaints, allergic reactions, or other symptoms possibly associated with mold growth. No problems evident in the building envelope or problematic conditions surrounding the air intake were observed. No operatives conducive to bioaerosol generation such as animal confinement operations, agricultural activities, or wetlands were observed on the subject property or adjacent properties.

This limited visual review was conducted for overview purposes only; mold may exist in concealed locations (behind walls, wallpaper, and ceilings, etc.). A sump was located in the basement. No visual evidence of mold was observed in the vicinity of the sump. However, as standing water accumulates in the sump, this area should be periodically reviewed by building management for evidence of mold growth.

Based on the above information, no further investigation is recommended at this time regarding moisture and mold.

5.0 CONCLUSIONS

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of SunOpta located at 4111 30th Avenue South in Moorhead, Clay County, Minnesota 56560. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property.

ASTM Non-Scope Considerations

The following ASTM non-scope consideration was identified at the subject property based on the findings provided in this report:

(1) Based on the dates of construction (1986), suspect asbestos-containing materials (ACMs) may be present at the subject property. Suspect asbestos-containing ceiling tile, drywall and joint compound, and vinyl tile and mastic in overall undamaged condition were observed at the subject property at the time of the property visit.

Currently, there are no regulations requiring the removal of ACM unless it will be disturbed during renovation, repairs, or demolition. The USEPA recommends that as long as the ACM does not pose an imminent health threat, the materials can be managed under an Operations and Maintenance (O&M) Plan. Property Solutions recommends that an Asbestos-Containing Materials O&M Plan be developed and implemented at the subject property.

6.0 RECOMMENDATIONS AND OPINIONS OF PROBABLE COST

(1) An opinion of probable cost to prepare the ACM O&M Plan is $450.

7.0 LIMITATIONS

The conclusions as presented above are based upon the agreed upon scope of work outlined in the above report. Consultant makes no guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation. Additional information which was not available to Consultant at the time of writing the Report may result in a modification of the conclusions as presented. The Services performed by Consultant have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. This report is not a legal opinion, but may under certain circumstances be prepared at the direction of counsel, may be in anticipation of litigation, and may be classified as an attorney client communication or as an attorney work product.

8.0 REFERENCES

8.1 Information Sources

1. United States Geological Survey's 7.5-minute topographic quadrangle map of Sabin, Minnesota.
2. United States Department of Agriculture, Soil Conservation Services' Web Soil Survey, http://websoilsurvey.nrcs.usda.gov.
3. Minnesota Geologic Map produced by the US Geological Survey, Minerals Resources On-Line Spatial Data, http://mrdata.usgs.gov/geology/state.
4. Ground Water Atlas of the United States – Segment 9 dated 1992 produced by the US Geological Survey.
5. United States Department of the Interior, National Wetland Inventory Map for Sabin, Minnesota.
6. Moorhead Public Service's 2014 Drinking Water Report.
7. USEPA's Map of Radon Zones, 1993.
8. Aerial photographs provided by Environmental Data Resources, Inc.
9. Aerial photographs provided by TerraServer.
10. Certified Sanborn Map Report, provided by Environmental Data Resources, Inc.
11. The EDR Radius Map with GeoCheck, produced by Environmental Data Resources, Inc.
12. Envirofacts Data Warehouse, produced by USEPA.

8.2 Definitions

Abandoned property – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

Activity and use limitations – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property. See Note 1.

NOTE 1—The term *AUL* is taken from Guide E2091 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of "*institutional controls*." Department of Defense and International County/City Management Association use "Land Use Controls." The term "land use restrictions" is used but not defined in the *Brownfields Amendments*).

Actual knowledge – the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Actual Knowledge Exception – If the user or environmental professional(s) conducting an environmental site assessment has actual knowledge that the information being used from a prior environmental site assessment is not accurate or if it is obvious, based on other information obtained by means of the environmental site assessment or known to the person conducting the environmental site assessment, that the information being used is not accurate, such information from a prior environmental site assessment may not be used.

Adjoining properties – any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

All appropriate inquiries – that inquiry constituting all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined in CERCLA, 42 U.S.C §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. See ASTM 1527-13 Appendix X1.

Approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.

Bona fide prospective purchaser liability protection – (42 U.S.C. §9607(r))—a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices." Knowledge of contamination resulting from all appropriate inquiries would not generally preclude this liability protection. A person must make all appropriate inquiries on or before the date of purchase. The facility must have been purchased after January 11, 2002. See ASTM E 1527-13, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in ASTM E 1527-13, Section 13.

Comparison with Subsequent Inquiry – It should not be concluded or assumed that an inquiry was not all appropriate inquiries merely because the inquiry did not identify recognized environmental conditions in connection with a property. Environmental site assessments must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent environmental site assessments should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Controlled recognized environmental condition – a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). (See Note 2.) A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report. (See Note 3.)

Note 2-For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The "control" is represented by the restriction that the property use remain commercial.
Note 3-A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or intended to be, implemented.

Construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contiguous property owner liability protection – (42 U.S.C. §9607(q))—a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiries at the time of acquisition of the property and did not know or have reason to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the contiguous property owner liability protection. See ASTM E 1527-13, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Continued Viability of Environmental Site Assessment – Subject to ASTM E 1527-13, Section 4.8, an environmental site assessment meeting or exceeding this practice and completed less than 180 days prior to the date of acquisition[5] of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid.[6] If within this period the assessment will be used by a user different than the user for whom the assessment was originally prepared, the subsequent user must also satisfy the User's Responsibilities in ASTM E 1527-13, Section 6. Subject to Section 4.8 and the User's Responsibilities set forth in ASTM E 1527-13, Section 6, an environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided that the following components of the inquiries were conducted or updated within 180 days of the date of purchase or the date of the intended transaction: (i) interviews with owners, operators, and occupants; (ii) searches for recorded environmental cleanup liens; (iii) reviews of federal, tribal, state, and local government records; (iv) visual inspections of the property and of adjoining properties; and (v) the declaration by the environmental professional responsible for the assessment or update.

5 Under "*All Appropriate Inquiries*" 40 C.F.R. Part 312, EPA defines date of acquisition as the date on which a person acquires title to the *property*.
6 Subject to meeting the other requirements set forth in this section, for purpose of the *LLPs*, information collected in an assessment conducted prior to the effective date of the federal regulations for *All Appropriate Inquiries* or this practice can be used if the information was generated as a result of procedures that meet or exceed the requirements of the E 1527-97 or -00 standards.

Contractual Issues Regarding Prior Assessment Usage – The contractual and legal obligations between prior and subsequent users of environmental site assessments or between environmental professionals who conducted prior environmental site assessments and those who would like to use such prior environmental site assessments are beyond the scope of this practice.

Data failure – a failure to achieve the historical research objectives in ASTM E 1527-13, §8.3.1 through 8.3.2.2 even after reviewing the standard historical sources in §8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. See ASTM E 1527-13, 8.3.2.3.

Data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). See ASTM E 1527-13 12.7.

De minimis Condition - a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

Engineering controls (EC) – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

Environmental lien – a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

Environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). See ASTM E 1527-13 Appendix X2. The person may be an independent contractor or an employee of the user.

Fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

Good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

Hazardous substance – a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C.§9601(14), as interpreted by EPA regulations and the courts:" (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C.§§6901 et seq.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." (See ASTM E 1527-13, Appendix X1.)

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, at 42 U.S.C. §6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may—(A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

Hazardous waste/contaminated sites – sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

Historical recognized environmental condition – a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.

IC/EC registries – databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of "deed restrictions" (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri) and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

Innocent landowner defense – (42 U.S.C. §§9601(35) & 9607(b)(3)) – a person may qualify as one of three types of innocent landowners: (i) a person who "did not know and had no reason to know" that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who "acquired the facility by inheritance or bequest." To qualify for the innocent landowner defense, such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all appropriate inquiries must not have resulted in knowledge of the contamination. If it does, then such person did "know" or "had

reason to know" of contamination and would not be eligible for the innocent landowner defense. See ASTM E 1527-13, Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Institutional controls (IC) – a legal or administrative restriction (for example, "deed restrictions," restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

Interviews – those portions of ASTM E 1527-13 practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and questions to be asked of local government officials.

Key site manager – the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property. See ASTM E 1527-13, 10.5.1.

Landowner Liability Protections (LLPs) – landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

Level of Inquiry is Variable – Not every property will warrant the same level of assessment. Consistent with good commercial and customary practice, the appropriate level of environmental site assessment will be guided by the type of property subject to assessment, the expertise and risk tolerance of the user, and the information developed in the course of the inquiry.

Major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40 % of the leasable area of the property or any anchor tenant when the property is a shopping center.

Material threat – a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Migrate/migration – for the purposes of this practice, "migrate" and "migration" refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. See Note 4.

Note 4-Vapor migration in the subsurface is described in Guide E2600; however, nothing in this practice should be construed to require application of the Guide E2600 standard to achieve compliance with all appropriate inquiries.

Not Exhaustive – All appropriate inquiries does not mean an exhaustive assessment of a property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental site assessment and the reduction of uncertainty about unknown conditions resulting from additional information.

Obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

Occupants – those tenants, subtenants, or other persons or entities using the property or a portion of the property.

Operator – the person responsible for the overall operation of a facility.

Owner – generally the fee owner of record of the property.

Petroleum exclusion – the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: "The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

Petroleum products – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.[4])

[4] *Standard Definitions of Petroleum Statistics*, American Petroleum Institute, Fifth Edition, 1995.

Practically reviewable – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source

agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable.

Prior Assessment Usage – The ASTM E 1527-13 practice recognizes that environmental site assessments performed in accordance with this practice will include information that subsequent users may want to use to avoid undertaking duplicative assessment procedures. Therefore, this practice describes procedures to be followed to assist users in determining the appropriateness of using information in environmental site assessments performed more than one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction. The system of prior assessment usage is based on the following principles that should be adhered to in addition to the specific procedures set forth elsewhere in the ASTM E 1527-13 practice.

Property – the real property that is the subject of the environmental site assessment described in the ASTM E 1527-13 practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

Publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

Reasonably Ascertainable – information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

Reasonable time and cost – information that is obtainable within reasonable time and cost constraints means that the information will be provided by the source within 20 calendar days of receiving a written, telephone, or in-person request at no more than a nominal cost intended to cover the source's cost of retrieving and duplicating the information. Information that can only be reviewed by a visit to the source is reasonably ascertainable if the visit is permitted by the source within 20 days of request.

Recognized environmental conditions – the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to 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. De minimis conditions are not recognized environmental conditions.

Recorded land title records – records of historical fee ownership, which may include leases, land contracts, and AULs on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the property that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located, are not considered part of recorded land title records. See ASTM E 1527-13 8.3.4.4.

Release – a release of any hazardous substance or petroleum product shall have the same meaning as the definition of "release" in CERCLA 42 U.S.C. § 9601(22)). For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 "Releases and Threatened Release."

Relevant experience (as used in the definition of environmental professional) – participation in the performance of all appropriate inquiries investigations, environmental site assessments, or other site investigations that may include environmental analyses, investigations, and remediation which involve the understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions and for which professional judgment was used to develop opinions regarding conditions indicative of releases or threatened releases (see §312.1(c)) to the subject property.

Rules of Engagement – The contractual and legal obligations between an environmental professional and a user (and other parties, if any) are outside the scope of this practice. No specific legal relationship between the environmental professional and the user is necessary for the user to meet the requirements of this practice.

Uncertainty Not Eliminated – No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and this practice recognizes reasonable limits of time and cost.

Use of Prior Information – Subject to the requirements set forth in ASTM E 1527-13, Section 4.6, users and environmental professionals may use information in prior environmental site assessments provided such information was generated as a result of procedures that meet or exceed the requirements of this practice. However, such information shall not be used without current investigation of conditions likely to affect recognized environmental conditions in connection with the property. Additional tasks may be necessary to document conditions that may have changed materially since the prior environmental site assessment was conducted.

User – the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outlined in ASTM E 1527-13, Section 6.

Visually and/or physically observed – during a site visit pursuant to this practice, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit; they may do so by the means at their disposal for moving through the property and the structures located on it.

8.3 Acronyms

ACM – asbestos-containing material
AST – aboveground storage tank
ASTM – American Society for Testing and Materials
AUL – Activity and Use Limitations
bgs – below ground surface
CERCLA – Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 et seq.)
CERCLIS – Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA)
CFR – Code of Federal Regulations
CORRACTS – Facilities subject to Corrective Action under RCRA
CREC – Controlled Recognized Environmental Condition
EA – Environmental Assessment
ECRA – Environmental Cleanup Responsibility Act
EDR – Environmental Data Resources, Inc.
EPA – United States Environmental Protection Agency
EPCRA – Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 et seq.)
ERNS – Emergency Response Notification System
ESA – Environmental Site Assessment (different than an *environmental compliance audit*, 3.2.27)
FOIA – U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR – Federal Register
HREC – Historical recognized environmental condition
ICs – Institutional Controls
ISRA – Industrial Site Recovery Act
LBP – Lead-based paint
LLP – Landowner Liability Protections under the *Brownfields Amendments*
LRST – Leaking registered storage tank

LUST – Leaking underground storage tank
MSDS – Material safety data sheet
NCP – National Contingency Plan
NFRAP – former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES – National Pollutant Discharge Elimination System
NPL – National Priorities List
NVLAP – National Voluntary Laboratory Accreditation Program
OSHA – Occupational Safety and Health Administration
PACM – Presumed asbestos-containing material
PCBs – Polychlorinated biphenyls
PLM – Polarized light microscopy
PRP – Potentially responsible party (pursuant to CERCLA 42 USC § 9607(a))
RCRA – Resource Conservation and Recovery Act (as amended, 42 USC § 6901 et seq.)
RCRIS – Resource Conservation and Recovery Act Information System
REC – Recognized environmental condition
ROC – Record of communication
RST – Registered storage tank
SACM – Suspect asbestos-containing material
SARA – Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)
SIC – Standard Industrial Classification
TEM – Transmission electron microscopy
TSDF – Hazardous waste treatment, storage or disposal facility
USC – United States Code
USEPA –United States Environmental Protection Agency
USGS – United States Geological Survey
UST – Underground storage tank

8.4 Purpose

The purpose of a Phase I Environmental Assessment is to evaluate issues that may have an impact on the subject property. The purpose of the ASTM E 1527-13 practice is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. As such, the practice is intended to permit a User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B). The goal of this process is to identify the presence or likely presence of hazardous substances or petroleum products on the property and identify conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the subject property or into the ground, groundwater, or surface of the subject property. The purpose of this report is not intended to include de minimis

conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This report is also not intended to serve as a compliance assessment of the subject property or to identify health and safety issues or procedures. The ASTM E 1527-13 DOES NOT address whether requirements in addition to all appropriate inquiry have been met in order to qualify for the LLPs (for example, the duties specified in 42 U.S.C. §9601(b)(3)(a) and (b) and cited in Appendix X1 of the ASTM Standard, including the continuing obligation not to impede the integrity and effectiveness of activity and use limitations (AULs), or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations).

The ASTM E 1527-13 practice DOES NOT address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provision of the LLPs. Per the ASTM Standard, Users are cautioned that federal, state, and local laws may impose environmental assessment obligations that are beyond the scope of this practice. Users should also be aware that there are likely to be other legal obligations with regard to hazardous substances or petroleum products discovered on the property that are not addressed in the ASTM practice and that may pose risks of civil and/or criminal sanctions for non-compliance.

8.5 Significant Assumptions

The following assumptions are made by Property Solutions in this report. Property Solutions relied on information derived from secondary sources including governmental agencies, the Client (User), designated representatives of the Client (User), property contact, property owner, property owner representatives, computer databases, and personal interviews. Except as set forth in this report, Property Solutions has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources including government agencies, the Client, designated representatives of the Client, property contact, property owner, property owner representatives, computer databases, or personal interviews and has assumed that such information is accurate and complete. Property Solutions assumes information provided by or obtained from governmental agencies including information obtained from government websites is accurate and complete. Groundwater flow and depth to groundwater, unless otherwise specified by on-property well data, are assumed based on contours depicted on the United States Geological Survey topographic maps. Property Solutions assumes the property has been correctly and accurately identified by the Client (User), designated representative of the Client (User), property contact, property owner, and property owner's representatives. Property Solutions assumes that the Client (User), Client representatives, Client Legal Counsel, designated representatives of the Client, Key Site Manager, property contact, property owner, property owner representatives, and property brokers, used good faith in answering questions and in obtaining information for the subject property as defined in 10.8 of the ASTM E 1527-13 practice. This would also include obtaining those helpful documents from previous owners, operators, tenants, brokers, financial institutions etc. Property Solutions also assumes the Client will designate appropriate and knowledgeable people for performance of the Phase I Environmental Assessment including Key Site Managers.

8.6 Special Terms and Conditions

This Phase I Environmental Assessment was prepared in accordance with the stated and agreed upon Scope of Work. In order to perform a comprehensive environmental evaluation, subsurface investigation and testing would be required to definitively evaluate whether contamination has affected the subject property. Therefore, the findings and conclusions presented herein are based solely on the scope of work previously described and information gathered. No environmental assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance of the ASTM practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property, and the ASTM practice recognizes reasonable limits of time and cost. Limitations to the assessment also include weather conditions, vegetation cover, parked cars, trucks, dumpsters, and anything limiting visual observation of or physical access to the subject property and neighboring properties. Vapor intrusion is not included in this scope of services and is considered an ASTM Non-scope consideration. This report and scope is not an environmental compliance audit.

Subject to Section 4.8 of the ASTM E 1527-13 Standard, an environmental site assessment meeting or exceeding the practice and completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid. If within this period the assessment will be used by a different user than the user (Client) for whom the assessment was originally prepared, the subsequent user (if authorized to rely on the report as identified in Section 1.5 Reliance of this report) must also satisfy the User's Responsibilities in Section 6 of the ASTM E 1527-13 standard. If this assessment is over 180 days old it is not valid and a new assessment should be performed per the ASTM standard.

This report was specifically and only prepared for the identified specific Client (user) and for their specific purpose; no other person or entity for any other purpose may use, or rely on this report or its contents unless specifically authorized in writing by Property Solutions Inc. Subsequent consultants and subsequent Users may not rely on this report or information included in this report. Property Solutions Inc. will not be held liable in any way for any and all unauthorized use of this report both currently and in the future. Consultants and subsequent Users must specifically and separately verify all information and not rely on the facts, findings, conclusions, and opinions of this report. Future use of this report by consultants or subsequent Users is strictly prohibited and not authorized to evaluate the appropriateness of using this information in environmental site assessments performed in the future by anyone other than Property Solutions Inc. Subsequent consultants and subsequent Users may not include this report or information included in this report (unless publicly available) without the written authorization of Property Solutions Inc.

No other special terms and conditions are applicable to this Phase I Environmental Assessment.

ATTACHMENT I
PROFESSIONAL QUALIFICATIONS

GLEN D LEE, P.E.
ENVIRONMENTAL ENGINEER / CONSULTANT

EDUCATION Bachelor of Science - Civil & Environmental Engineering
University of Wisconsin
Madison, Wisconsin

ACCREDITATIONS OSHA 40 hour HAZWOPER Training
American Society of Civil Engineers
Wisconsin Environmental Site Assessor
Iowa Groundwater Professional

SUMMARY OF QUALIFICATIONS

Mr. Lee has over 20 years experience performing and managing Phase I Environmental Assessments, Phase II Subsurface Investigations, Regulatory Compliance Assessments, and Corrective Actions involving industrial, commercial, and residential properties throughout the United States. Mr. Lee is experienced in the design, management, and performance of soil and ground water remedial projects. Mr. Lee performed environmental evaluations which include: researching historical usage of the property, identifying potential contamination, formulating sampling and analysis plans, interpreting analytical results, and documentation through technical report writing. In addition, Mr. Lee has also provided such services as acting as a liaison between regulatory agencies and clients and proposal development.

Work experience includes redevelopment of abandoned or derelict industrial and commercial sites for private and municipal clients. Completed projects have had geographic coverage throughout the United States and Europe.

Clients successfully served by Mr. Lee include members of the Fortune 500 (Tellabs, Borg Warner, Federal Signal, Littelfuse, Verizon, UPS, Monsanto, Searle, CNA) and a range of governmental entities (City of Chicago, US Customs, USDA).

REPRESENTATIVE PROJECT EXPERIERNCE

Brownfield Redevelopment – Chicago, IL
Mr. Lee has conducted preliminary Phase I Environmental Site Assessments (ESAs) and Phase II Site Investigations (SI) as required for Brownfield Redevelopment projects along with the preparation/and development of remedial action plans. Mr. Lee has assisted in Site Remediation Program (SRP) reporting inclusive of the Focused/Comprehensive Site Investigation Reports (F/CSIRs) Remedial Objectives Reports (ROR), Remedial Action Plans (RAP), and Remedial Action Completion Reports (RACR). High profile local projects have included City of Chicago properties that have been transitioned form abandoned industrial sites to middle schools (Zapata & Finkel elementary). These projects were successfully completed on an expedited timetable and with a high level of public interest (regional TV coverage) during a political season.

Brownfield Redevelopment – St. Charles, IL
Another was the former Moline Foundry site in St. Charles that has been redeveloped to a successful multipurpose business park and highlighted as northwestern gateway to the community. This site was one of the highlighted projects that then Governor Ryan used to introduce the State's Brownfield's program in the mid 1990's.

Remediation - UST Removal and Remediation – Various Locations
Mr. Lee has been a lead engineer on over 200 active and inactive underground storage tank projects throughout the United States. In Illinois, the investigations were used to manage and guide site owners through the IEPA's Part 731 and 732 "The Leaking Underground Storage Tank Program", Part 740 "Site Remediation Program" and Part 742 "Tiered Approach to Corrective Action." Project activities included utility clearance, preparation of health and safety plans, drilling soil borings/monitoring well installations, chemical screening of soil samples, soil sample collection and logging, groundwater sampling, surveying, remediation design and implementation, report preparation and submittal, project control/budget monitoring, and reporting.

Phase I Environmental Assessments – Various Locations
Mr. Lee has completed over 250 Phase I ESAs throughout the United States on properties including, but not limited to, vacant lots, former gas stations, commercial structures, and industrial properties. All Phase I ESAs were completed in accordance with currently accepted practices that are consistent with the American Society for Testing & Materials (ASTM) Standard Practice for Environmental Assessments.

Phase II Environmental Assessments – Various Locations
Mr. Lee has been a lead engineer and project manager for over 125 Phase II Subsurface Investigations throughout the United States. Soil and groundwater investigations have been completed on vacant/idle properties, agricultural properties, commercial/retail properties, industrial/manufacturing plants, and residential properties. The soil and groundwater investigations were completed to assess and characterize a full suite of contaminants of concern.

Shauna M. Coobick, P.G.
SENIOR GEOLOGIST

EDUCATION

Bachelor's of Science in Geology
Richard Stockton College of New Jersey
Pomona, New Jersey

Associate's Degree in Math/Science
Cumberland County College
Vineland, New Jersey

Associate's Degree in Liberal Arts
Cumberland County College
Vineland, New Jersey

ACCREDITATIONS

Licensed Professional Geologist (Pennsylvania)

OSHA 29 CFR 1910.120(e)
HAZWOPER Training

Certified Confined Space
Entrant/Attendant

EPA/AHERA/Pennsylvania
Asbestos Building Inspector

NJDEP-licensed Subsurface Evaluator and UST Closure

SUMMARY OF QUALIFICATIONS

Over 15 years of field work, technical writing and review, and project and personnel management in the environmental consulting industry. Specific duties have included the following: performance of Phase I Environmental Assessments of multi-family residential, commercial, and light industrial properties in accordance with ASTM and AAI guidelines as well as client-specific Scopes of Work; technical and peer review of environmental due diligence reports; performance of local, state, and federal regulatory agency file reviews; coordination and performance of soil, sediment, groundwater, and surface water sampling as part of Phase II Subsurface Investigations and Delineations; field screening and classification of soils and preparation of soil boring logs; installation, development, and sampling of temporary piezometers and groundwater monitoring wells; interpretation of well logs, slug testing, water quality parameter analysis, development and interpretation of soil and groundwater isopleth maps and plume analysis, and evaluation of remediation systems including bioremediation and monitored natural attenuation; Preliminary Assessments and Site Investigations in accordance with New Jersey Department of Environmental Protection (NJDEP) Industrial Site Recovery Act (ISRA) regulations as well as submissions prepared in accordance with NJDEP Technical Requirements for Site Remediation; preparation and submittal of investigation and remediation reports in accordance with numerous state regulatory agency guidelines; investigation, closure, and removal of commercial and residential underground storage tanks; evaluation of data from geophysical surveys (EM-61 and ground-penetrating radar); preparation of detailed Scopes of Work, cost estimates, and schedules to be included in investigation and remediation proposals for evaluating impact of various environmental areas-of-concern (leaking underground storage tanks, dry cleaning solvent releases, etc.) on subsurface soils, groundwater, and indoor air quality/vapor intrusion; bulk sampling of asbestos and lead-based paint; mold assessments; sampling for radon and lead-in-drinking water; preparation of operations and maintenance plans for asbestos, lead-based paint, and mold.

REPRESENTATIVE PROJECT EXPERIERNCE

Moorestown, New Jersey

Performed an Industrial Site Recovery Act Preliminary Assessment of a graphics design and printing plant in conjunction with New Jersey Department of Environmental Protection regulations and worked with the NJDEP case manager to obtain "No Further Action" status for the property.

Carteret, New Jersey

Performed Phase I Environmental Assessments at adjacent retail strip centers. Additional investigation activities performed at each property, based on the presence of dry cleaning tenants, included extensive Phase II sampling and delineation activities for soil and groundwater, installation and sampling of groundwater monitoring wells, and submittal of Preliminary Assessment/Site Investigation Reports, Remedial Investigation Reports, and a Remedial Action Workplans to NJDEP in association with ongoing remediation activities.

Blackwood, New Jersey

Performed a Phase I Environmental Assessment of a former garment manufacturing facility originally developed as a retail shopping center in the 1960s. The historical presence of a dry cleaner led to a Phase II Subsurface Investigation. As the property was subject to the Industrial Site Recovery Act (ISRA), a Preliminary Assessment/Site Investigation Report was also submitted to NJDEP along with additional Site Investigation reports addressing a former utility pit and underground storage tank system in accordance with the Technical Requirements for Site Remediation to achieve No Further Action status.

Bellmawr, New Jersey

Performed a Phase I Environmental Assessment of a steel fabrication plant with operations dating back to the 1950s. The property was also subject to ISRA and a Preliminary Assessment/Site Investigation report was submitted to NJDEP to address historical operations as well as investigation of an open pipe discharge in accordance with the Technical Requirements for Site Remediation to achieve No Further Action status.

Kingston, New York

Performed a Phase I Environmental Assessment of a 640,000-square foot enclosed regional shopping mall. Additional work at this property included an extensive Phase II Subsurface Investigation in association with on-property hydraulic lifts, a leaking waste oil underground storage tank, and an oil/water separator from a former on-property automotive repair and maintenance tenant.

Brooklyn, New York

Performed a Phase II Subsurface Investigation within a building historically used as a munitions factory in the early part of the 20th century. Work performed at the property included hazardous waste classification, sump sampling, and a comprehensive asbestos survey.

Philadelphia, Pennsylvania

Obtained approval for closure-in-place of an underground fuel oil storage tank at a bank due to limited access and structural concerns and subsequent installation of groundwater monitoring wells and passive hydrocarbon recovery devices to address free product present in groundwater.

Scranton, Pennsylvania

Investigation of a dry cleaner at a strip mall located above a former coal mine. Investigation activities included review of historical maps, installation of a deep monitoring well utilizing air rotary drilling, and a full evaluation of indoor air quality.

DONALD P. HESSEMER
REGIONAL DIRECTOR

EDUCATION

Master of Environmental Health Science
Polytechnic Institute of New York
Brooklyn, New York

Bachelor of Science (Resource Management)
SUNY College of Environmental Science
Syracuse, New York

ACCREDITATIONS

Certified Hazardous Materials Manager – Institute of Hazardous Materials Management
OSHA 40-Hour HAZWOPER Training
AHERA Certified Asbestos Inspector
NYS Department of Labor – Asbestos Inspector

SUMMARY OF QUALIFICATIONS

Mr. Hessemer is an Environmental Scientist and Regional Director with more than 30 years of consulting experience in environmental due diligence, regulatory compliance, hazardous waste investigations and analytical laboratory analysis and management for public and private sector clients. He has conducted and managed site assessments for commercial and industrial properties, Phase II site investigations, remediation projects, asbestos and lead-based paint programs, and a contract laboratory program to support the EPA Superfund Program. Mr. Hessemer is well versed in ASTM due diligence standards, New Jersey Technical Requirements for Site Remediation, and the Superfund program. A Certified Hazardous Materials Manager (CHMM) and a skilled project manager, Mr. Hessemer makes sure that projects meet both the client's objectives and the project's schedule and budget. He has proven skill in coordinating large portfolio due diligence programs and teams and identifying environmental liabilities for prospective purchasers and lending institutions.

REPRESENTATIVE PROJECT EXPERIENCE

Commercial and Residential Phase I Environmental Assessments – US, UK, France, and Germany
Mr. Hessemer has performed or managed Phase I Environmental Assessments on thousands of commercial and residential properties using the latest ASTM standards. Commercial facilities include office buildings, shopping centers and malls, retail outlets, warehouses, apartment complexes, and television broadcasting studios and transmitter sites, and timberland.

Commercial and Industrial Phase II Environmental Site Assessments – Various States, US
Mr. Hessemer has prepared scopes of work for and managed numerous Phase II Site Assessments to evaluate environmental concerns identified in Phase I ESAs by providing information regarding the nature and extent of soil and groundwater contamination. Programs for soil, soil vapor, indoor air quality, groundwater sampling have been performed. Geophysical investigations have been designed to aid in soil boring placement.

Industrial Due Diligence Assessments – US, Brazil, and India
Performed or managed pre-acquisition due diligence assessments of industrial and manufacturing properties including cogeneration plants, healthcare product manufacturing facilities, a dairy plant, pulp and paper mills, compressed gas plants, electronics manufacturers, chemical plants, and printing facilities. The assessments generally included the identification of liabilities associated with site contamination, off-site contingent liabilities, and an evaluation of facility regulatory compliance with federal and state environmental regulations including permit status for water, stormwater, wastewater, air emissions, hazardous materials reporting, hazardous waste management, PCB-management, and oil storage.

Federal Regulatory Compliance Programs – US Postal Service – Metro New York City and Central New Jersey Districts
Mr. Hessemer managed two $2.5 million contracts for environmental compliance services at owned or leased postal services within Manhattan and The Bronx, NY, and Central New Jersey. Served as the single point of contact with the District Environmental Compliance Coordinators and managed the overall program administration. Responsible for making management assignments, setting priorities, and ensuring administrative support for timely project performance. Projects included turnkey asbestos, lead based paint, and lead in drinking water surveys and O&M programs, noise level surveys, personal noise dosimetry testing to measure worker exposure, drinking water testing programs, and technical review of energy audit reports.

Environmental Liability Cost Assessments - International
Served on an ENSR international due diligence team assigned to evaluate the environmental liabilities of a European based company with chemical plants in the US. Responsible for assessing the liabilities of four specific plants in the US based on technical review of environmental health and safety records including permits, investigation and remediation reports, and other EHS documents, and a site inspection of the main US facility. The assessment resulted in the identification of liabilities and associated liability cost estimation and prioritization of recommended actions.

Environmental Liability Cost Assessments – Phoenix, Arizona
Served as senior scientist member of team effort to review a lending institution's loan portfolio for environmental liabilities as part of a potential acquisition. Reviewed various documents including Phase I and Phase II ESA reports and remedial action plans. Information reviewed was used to identify environmental liabilities and assign remedial cost estimates, ranked by likelihood.

Environmental Support of Emergency Bridge Reconstruction
Served as environmental lead in support of NYCDOT's emergency reconstruction of the Borden Avenue Bridge in Long Island City, NY. Prepared a Corrective Action Plan (CAP) in response to the discovery of petroleum-contaminated sediment in the adjacent Dutch Kills water body during construction. The CAP established procedures for handling and disposal of petroleum-contaminated sediment, and provided design detail of a temporary on-site water treatment system for dewatering fluid to support a SPDES-equivalent discharge permit. Prepared permit modification requests for 6 NYCRR Part 608 Water Quality Certification, NYCRR Part 661 Tidal Wetlands Permit, and ECL Article 15 Protection of Waters Permit.

Environmental Services Oversight – New York City Schools, NY
Provided oversight of field personnel engaged in various environmental activities for the NYCSCA including Phase I ESAs, Phase II Subsurface Investigations, Indoor Air Quality and Soil Vapor Investigations, and Remediation Programs. Responsible for scope of work and report review, interfacing with client representatives, and performing periodic school site visits. (06/09 – Present)

Environmental Permitting – New York, New York
Prepared NYSDEC Petroleum Bulk Storage (PBS) Applications for fuel oil storage tanks as part of an Emergency Generator Upgrade Program for six Health and Hospital Corporation (HHC) facilities in New York City. Managed subcontractor in the preparation of NYSDEC air permit modifications.

ISRA Investigations and Remediation – Various Locations – New Jersey
Performed and managed numerous Preliminary Assessments, Site Investigations, Remedial Investigations, and Remediation at industrial establishments throughout central and northern NJ. Properties included former paper mills, a miniature lighting facility, an electronic manufacturer, an ion-exchange regeneration plant, an asphalt blending and storage terminal, a polymer compound manufacturer, label printing and packaging facility. Site investigation activities have included geophysical surveys, soil gas surveys, soil boring sampling, groundwater monitoring well installation and sampling, potable water sampling, UST investigations, concrete chip sampling, and septic system sampling. Remedial measures included excavation and disposal of petroleum contaminated soil and disposal of abandoned drums.

CERCLA Superfund Investigations

Hazardous Waste Investigation and Management, Bound Brook, NJ. Project Manager of a focused feasibility study at an inactive pesticide formulation plant in Bound Brook, New Jersey. Project involved developing remedial alternatives for dioxin contamination of a building and soils, and included field sampling of contaminated materials and subcontracting a structural engineer to evaluate the structural integrity of the building. Assistant Project Manager of a CERCLA Remedial Investigation/Feasibility Study Work Plan for the site. The proposed scope of work included characterization of the nature and extent of on-site contamination and off-site migration of contaminants, determination of potential threats to public health and the environment, and the development and evaluation of remedial alternatives.

Hazardous Waste Investigation and Management, New Brunswick, NJ. Project Manager of a field testing project at New Brunswick, New Jersey, for the EPA revised Hazard Ranking System (HRS) Model for CERCLA hazardous waste sites. Project involved collecting sufficient environmental data to test the model. Tasks included field sampling of soils, private wells, surface water, and aquatic organisms; soil borings to obtain site-specific geologic information and preparation of technical reports.

CERCLA Site Investigations, NJ, NY, and PR. Program Manager of EPA Region 2 Field Investigation Team (FIT) site investigations. Responsibilities included overall coordination of program including managing a staff of 12 site managers, project assignments, review of work plans and technical reports, scheduling and budgeting, and interfacing with client (EPA).

Hazardous Waste Investigation and Management, Newark, NJ. Sample Management Officer of an area-wide dioxin contamination investigation based in Newark, New Jersey. Tasks included interfacing with the EPA Contract Laboratory Program (CLP) office, coordinating the quality assurance program, and packaging and shipping dioxin contaminated soil samples to analytical laboratories.

Hazardous Waste Investigation and Management, Toms River, NJ. Project Scientist during remedial investigation and feasibility study of an active pharmaceutical plant. Responsibilities included acting as Health and Safety Officer during the sampling of monitoring wells, Sample Management Officer during the collection of soil samples for dioxin analysis, and technical writing during report preparation.

Groundwater Investigation, Hazardous Waste Investigation and Management, Niagara Falls, NY. Health and Safety Officer during the installation and sampling of monitoring wells during an area-wide groundwater study. Responsibilities included the health and safety of on-site personnel including drilling crew and air monitoring.

Hazardous Waste Investigation and Management, Grand Island, NY. Technical Oversight Scientist during dioxin analysis of samples collected from a Niagara Falls, New York, facility involved in the manufacture of 2,4,5-TCP. Responsibilities included inspection and documentation of sample management and sample preparation procedures by Occidental personnel and their consulting laboratory.

Laboratory Management

EPA Contract Laboratory Program (CLP), Inorganic Analysis - Environmental Laboratory Analysis and Management, US-wide. Project Manager of CLP Inorganic Analysis Contract. Approximately 200 samples of water and soil samples per month from Superfund sites were analyzed for priority pollutant trace metals. Responsibilities included scheduling incoming samples, assigning work for staff chemists, bidding on samples for special analysis, contact with EPA and Sample Management headquarters and attending CLP conferences. Also served as Environmental Chemist for CLP contract.

APPENDIX A
FIGURES

US DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY 7.5' TOPOGRAPHIC QUADRANGLE

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Topo Quad Name: Sabin, Minnesota		Property Boundaries are Approximate	

TAX MAP

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N

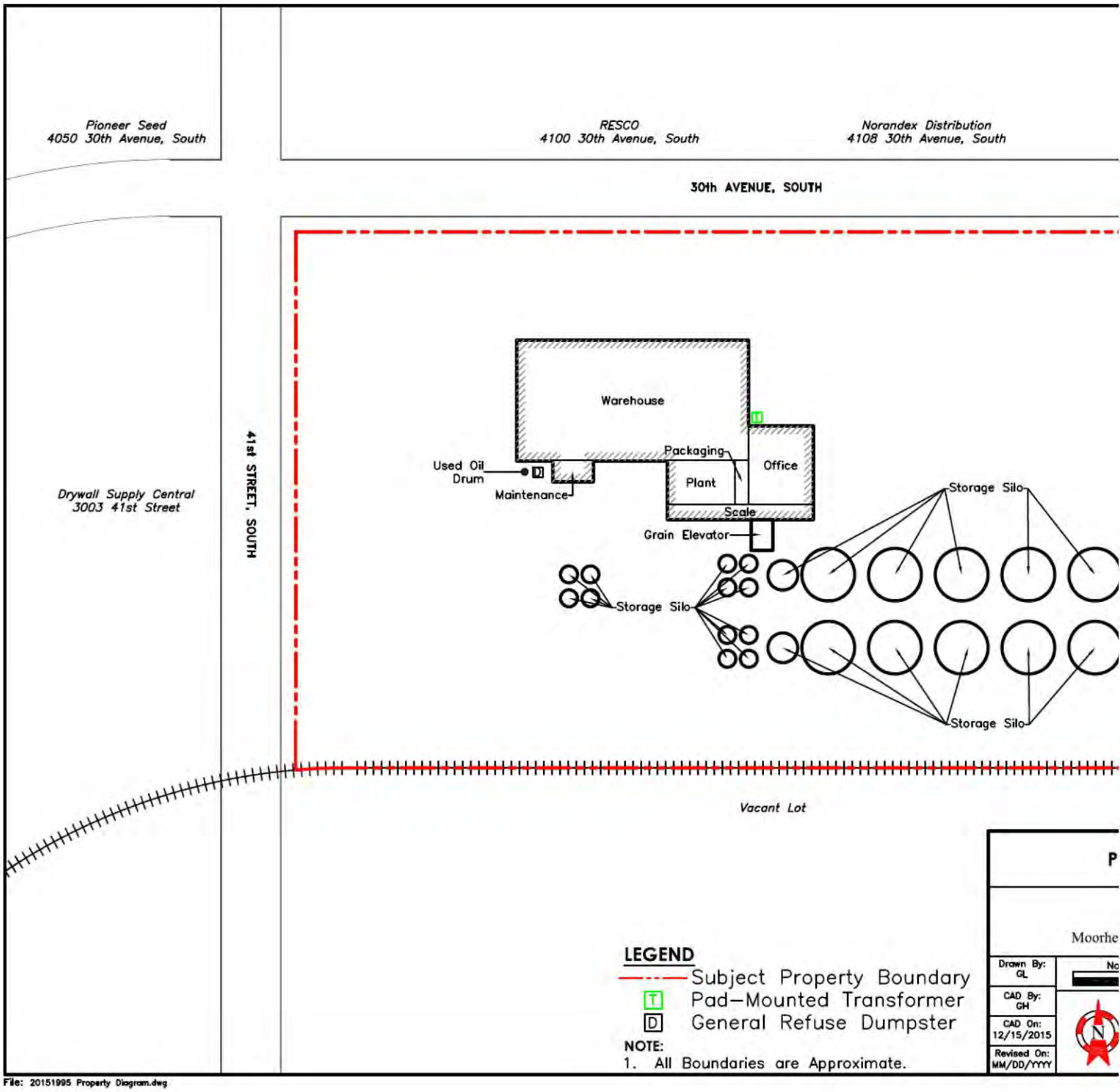
Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

WETLAND MAP

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N

APPENDIX B
PROPERTY DIAGRAM



File: 20151995 Property Diagram.dwg

APPENDIX C
PHOTOGRAPHS

PHOTO 1.

Signage to subject property viewing east.

PHOTO 2.

North side of building viewing west.

PHOTO 3.

East side of building viewing west.

PHOTO 4.

North side of silos viewing south.

PHOTO 5.

South side of silos viewing west.

PHOTO 6.

West side of building viewing east.

PHOTO 7.

Pad-mounted electrical transformer at northeast corner of building.

PHOTO 8.

Solid waste dumpster in enclosure on west side of building.

PHOTO 9.

Used oil drum and flammables cabinet in enclosure on west side of building.

PHOTO 10.

Northwest adjacent property viewing northwest (RESCO).

PHOTO 11.

North adjacent property viewing north (Norandex).

PHOTO 12.

East adjacent property viewing east (Gavilon).

PHOTO 13.

South adjacent property viewing east.

PHOTO 14.

West adjacent property viewing west (Drywall Supply).

PHOTO 15.

Interior view of office.

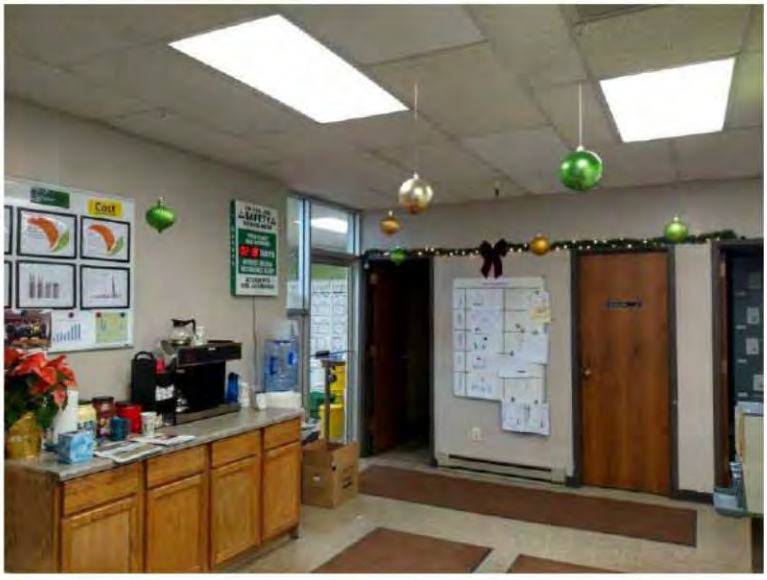


PHOTO 16.

Interior view of office bathroom.

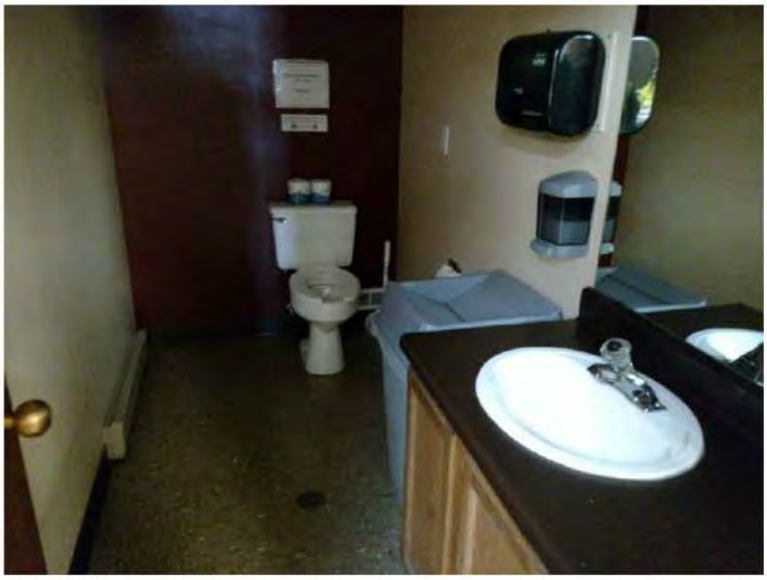


PHOTO 17.

Dry-type electrical transformer in electrical room.

PHOTO 18.

Electric hit water heater in mechanical room.

PHOTO 19.

Forced air furnace in mechanical room.

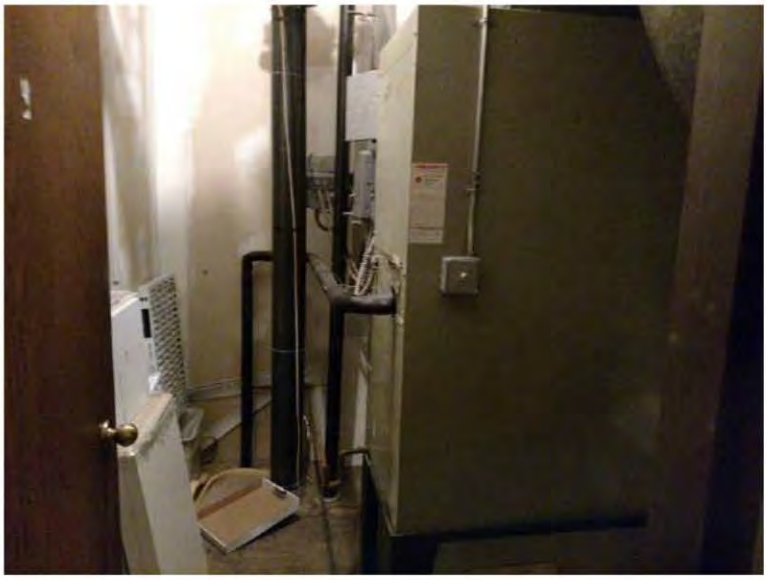


PHOTO 20.

Interior view of warehouse.

PHOTO 21.

View of soybean process equipment in plant.

PHOTO 22.

Robotic palletizing equipment in warehouse.

PHOTO 23.

Air compressor in side room of warehouse.

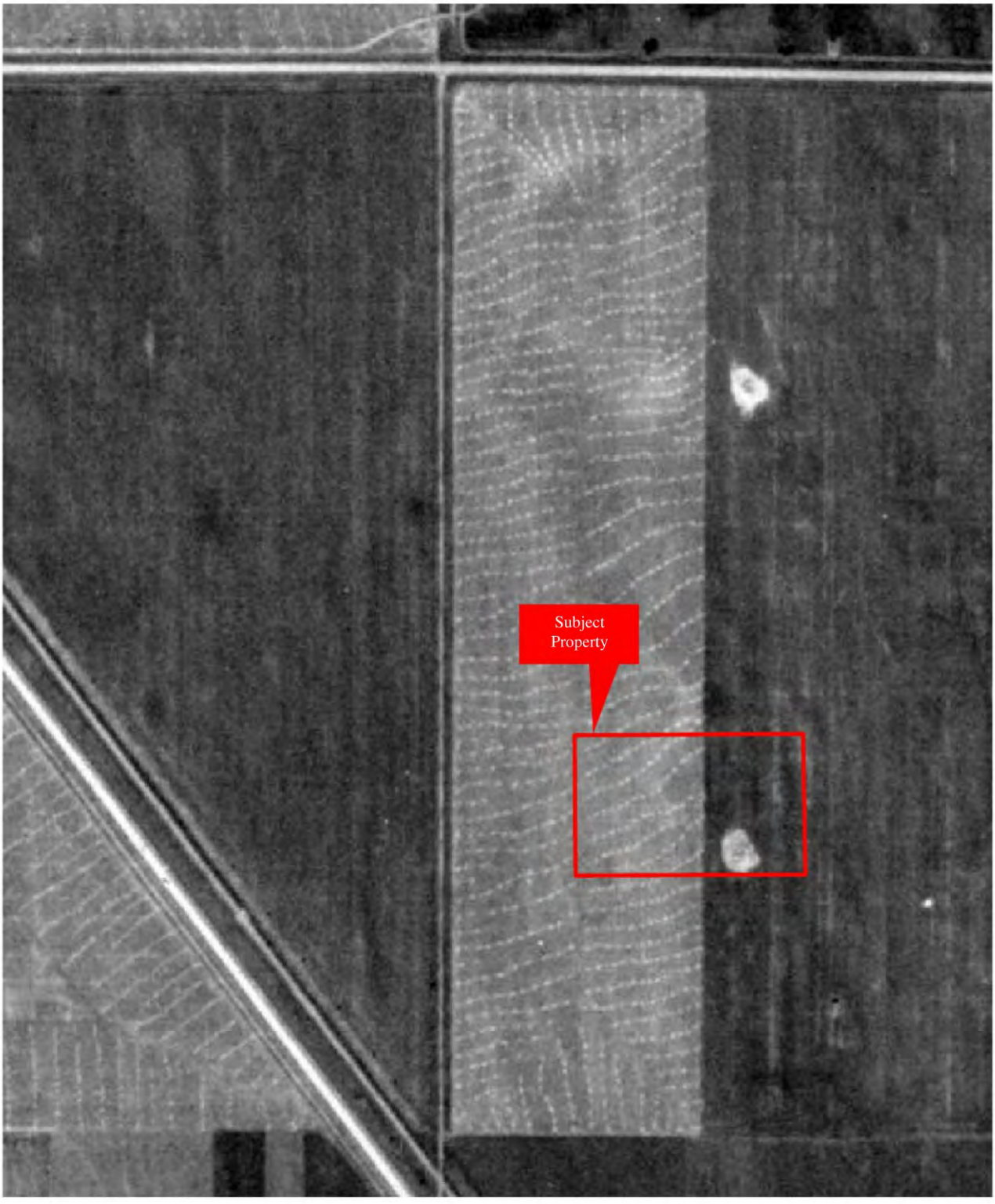
PHOTO 24.

Flammable cabinet in maintenance room.

APPENDIX D
USER CORRESPONDENCE

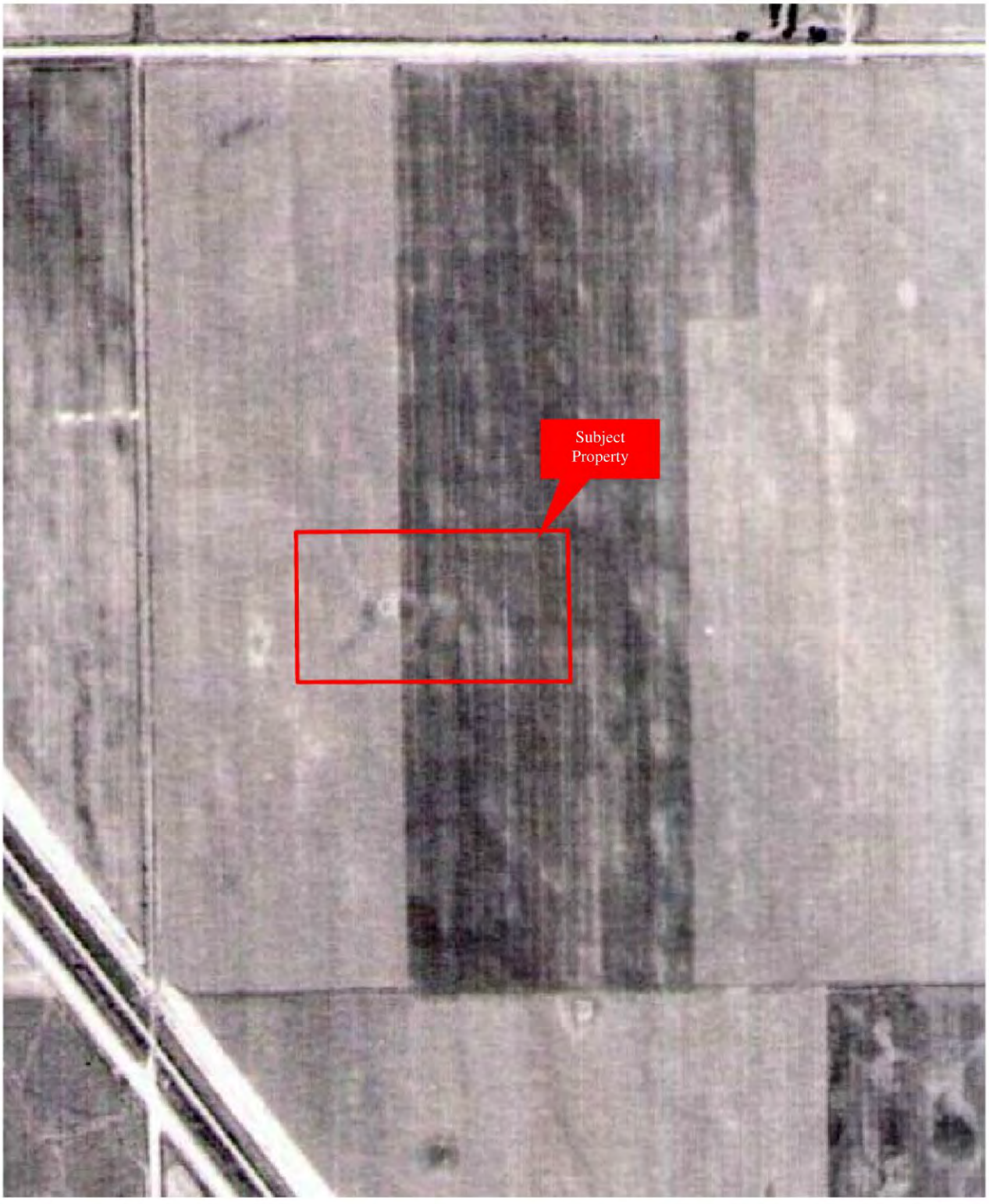
Not provided

APPENDIX E
AERIAL PHOTOGRAPHS



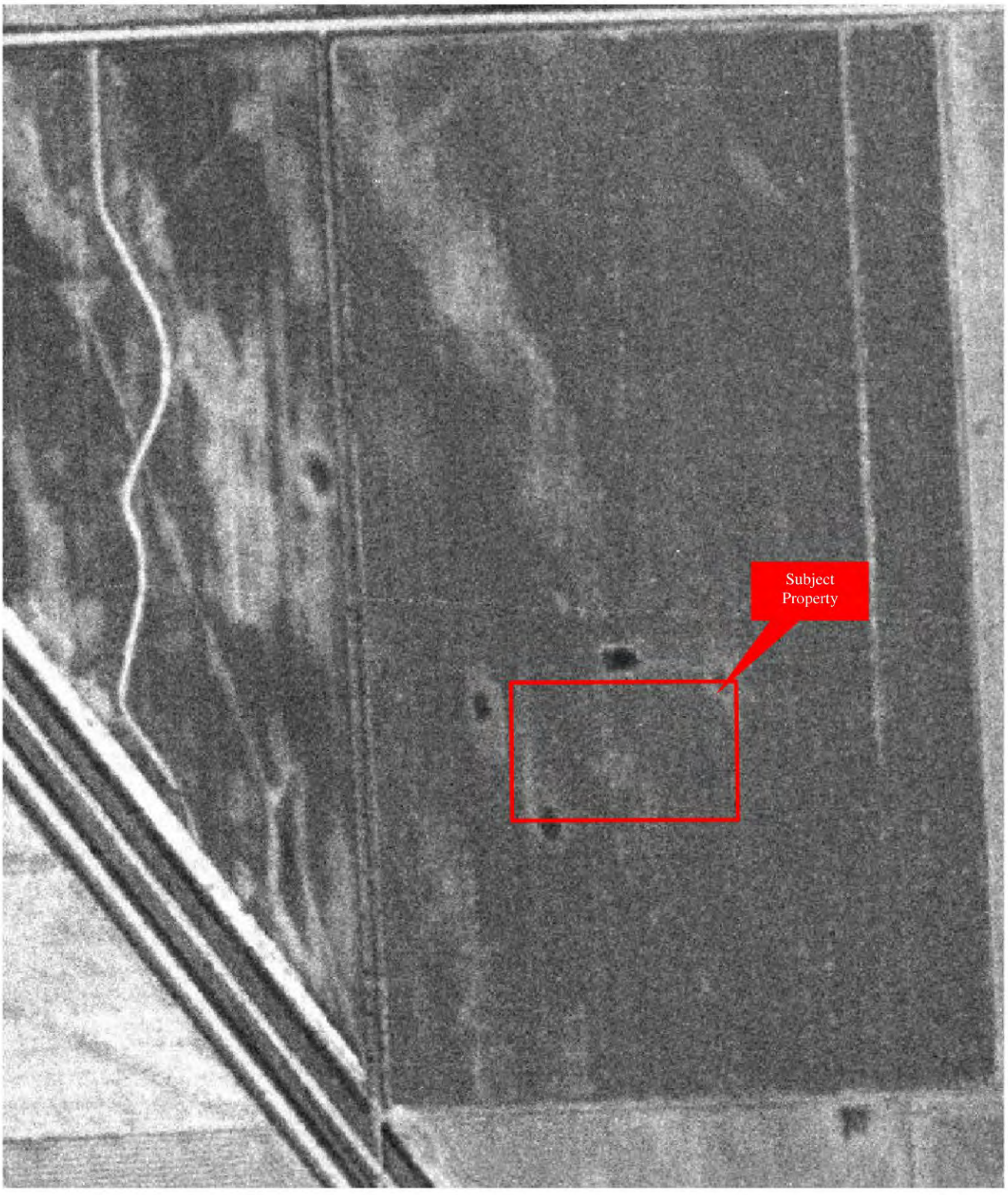
1939 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	



1948 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	



1952 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

1962 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

1979 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

1984 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

1991 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2005 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2006 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2008 AERIAL PHOTOGRAPH

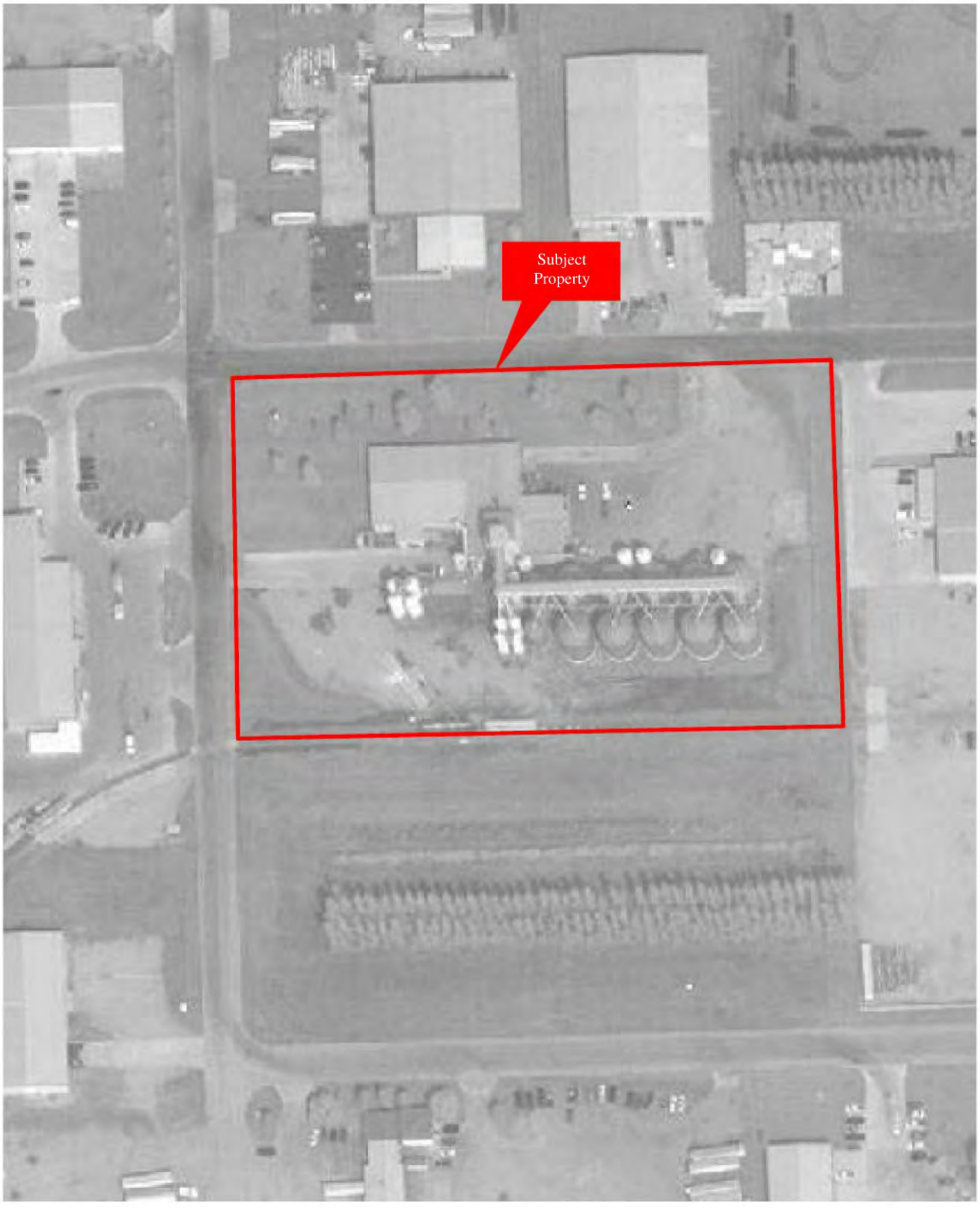
Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2009 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	

2010 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: EDR, Shelton, CT		Property Boundaries are Approximate	



2014 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: TerraServer; Raleigh, NC		Property Boundaries are Approximate	

2015 AERIAL PHOTOGRAPH

Property Solutions Inc.	SunOpta 4111 30th Avenue South Moorhead, Minnesota	Project No.: 20151995	N
Aerial Company & Location: TerraServer; Raleigh, NC		Property Boundaries are Approximate	

APPENDIX F
HISTORIC MAPS

Sunopta Facility
4111 30th Avenue
Moorhead, MN 56560

Inquiry Number: 4474194.3
November 23, 2015

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

11/23/15

Site Name:
Sunopta Facility
4111 30th Avenue
Moorhead, MN 56560

Client Name:
Property Solutions, Inc.
323 New Albany Road
Moorestown, NJ 08057

EDR Inquiry # 4474194.3

Contact: Brian Gallagher

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Property Solutions, 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:

Site Name: Sunopta Facility
Address: 4111 30th Avenue
City, State, Zip: Moorhead, MN 56560
Cross Street:
P.O. # NA
Project: 20151995
Certification # F5B4-4192-A88A

Sanborn® Library search results
Certification # F5B4-4192-A88A

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.

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™

Limited Permission To Make Copies

Property Solutions, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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APPENDIX G
PREVIOUS REPORTS AND PLANS

Not provided

APPENDIX H
CHAIN OF TITLE / ENVIRONMENTAL LIENS

Not provided

APPENDIX I
CORRESPONDENCE

Parcel Report

Parcel Number: 58.417.0100

General Information

Taxpayer Name:	SUNRICH
Taxpayer Address:	PO BOX 128 HOPE MN 56046-0128
Physical [E911] Address:	4111 30TH AVE S MOORHEAD MN 56560
Deeded Acres:	4.9800
Subdivision:	MCCARAS 1ST ADD
Section/Township/Range:	
Year Built:	
Legal Description:	SubdivisionName MCCARAS 1ST ADD Lot 001 Block 003 SubdivisionCd 58417 & LOT 2

Tax Information

Tax Year:	2015
Property Classification:	305 Industrial
Land Market Value:	$325,600.00
Building Market Value:	$1,209,100.00
Total Market Value:	$1,534,700.00
Property Tax:	
Special Assessments:	$7,313.42
Tax & Special Assessments:	

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

November 23, 2015

City of Moorhead
Planning & Neighborhood Services Department
500 Center Ave
Moorhead, MN 56561-0779

Re: Sunopta Facility
4111 30th Avenue South
Parcel: 584170100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20151995

Dear Freedom of Information Officer:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we wish to determine whether government agencies possess records on the subject property that may include potential environmental concerns. We request information on the following:

- **Permits, reports, and information for Underground or Aboveground Storage Tanks (UST/AST), oil / water separator or clarifier installation or removal any current or previous building at the property**
- **Permits for flammable materials storage**
- **Permits of asbestos removal**
- **Permits for the installation or decommissioning of drinking water wells & septic systems**
- **Demolition/renovation permits for the current building of any other prior building on this property**
- **Any known spills, releases, hazardous materials**

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

November 23, 2015

City of Moorhead
Planning & Neighborhood Services Department
500 Center Ave
Moorhead, MN 56561-0779

Re: Sunopta Facility
4111 30th Avenue South
Parcel: 584170100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20151995

Dear Freedom of Information Officer:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we wish to determine whether government agencies possess records on the subject property that may include potential concerns. We request information on the following:

- **Any known or suspected potential environmental issues at the property or area of the subject property**
- **Historical use of the subject property**
- **Any special requirements per planning / zoning due to potential environmental concerns in the area**

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

November 23, 2015

City of Moorhead
Fire Department
111 12 St N
Moorhead MN 56560
FAX: 218.299.5072

RE: Sunopta Facility
4111 30th Avenue South
Parcel: 584170100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20151995

Dear Freedom of Information Officer:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we wish to determine whether government agencies possess records on the subject property that may include potential concerns. We request information on the following:

- **Outstanding fire code violations associated with storage / handling / use of flammable or hazardous materials**
- **Fires or spills**
- **Permits for Underground or Aboveground Storage Tanks (UST/AST), installation or removal**
- **Any known storage of hazardous materials or petroleum products**

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

****
*** FAX TX REPORT ***
****

TRANSMISSION OK

JOB NO.	2646
DESTINATION ADDRESS	12182995072
SUBADDRESS	
DESTINATION ID	
ST. TIME	11/23 10:29
TX/RX TIME	00'35
PGS.	1
RESULT	OK

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

November 23, 2015

City of Moorhead
Fire Department
111 12 St N
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Sincerely,
Property Solutions Inc.

☐ No Files for subject property or address
Name: _____
Title: _____
Phone:

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

November 23, 2015

Clay County
Public Health Department - Environmental Services
715 11th St. N.
Moorhead, MN 56560

RE: Sunopta Facility
4111 30th Avenue South
Parcel: 584170100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20151995

Dear Freedom of Information Officer:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we wish to determine whether government agencies possess records on the subject property that may include potential environmental concerns. We request information on the following:

- **Permits, reports, and information for Underground or Aboveground Storage Tanks (UST/AST), oil / water separator or clarifier installation or removal any current or previous building at the property**
- **Lead based paint information, issues, or lead poisonings reported at the property**
- **Asbestos information, removal, or abatement at the property**
- **Environmental health code violations**
- **Permits for the installation or decommissioning of drinking water wells & septic systems**
- **Water supply concerns**

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

November 23, 2015

City of Moorhead
Public Works Department
500 Center Ave
Moorhead, MN 56561-0779

Re: Sunopta Facility
4111 30th Avenue South
Parcel: 584170100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20151995

To Whom It May Concern:

Property Solutions Inc. is conducted a Phase I Environmental Assessment of the aforementioned property. As part of the property assessment, we wish to determine the water and sewer provider of the subject property.

If the **city of Moorhead** is indeed the water and sewer provider, please provide me with the following information:

- Date of water connection
- Water violations
- Date of municipal sewer connection
- Special sewer discharge permits
- Copy of the most recent water quality report

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

November 23, 2015

Xcel Energy
Environmental Division
414 Nicollet Mall
Minneapolis, MN 55401

Re: Sunopta Facility
4111 30th Avenue South
Parcel: 584170100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20151995

To Whom It May Concern:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we verify that **Xcel Energy** provides power to the subject property. Property Solutions Inc also requests information regarding the PCB content (or if manufactured as non-PCB) and records of leaks, fires or explosions in regard to any current or previous transformers located at the property.

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

Information Request Form

Records Management

Doc Type: Information Request Form

Instructions: Use this form to request information from the Minnesota Pollution Control Agency (MPCA) Records Management Unit via email. Please use Internet Explorer for your Web browser. If you have any questions, please contact the MPCA Records Management Intake/Triage staff at recordsmanagementintaketriage.pca@state.mn.us or call 651-757-2728 or 1-844-828-0942. All fields marked with an asterisk(*) are required to be filled in before the form will submit.

1. Complete the form and click on the "Submit" button at bottom of form to place the form into email.
2. You will receive an email response once your request is assigned and then again when it is complete.
3. For multiple Information Requests: If you have five requests or less, you must fill out a separate Information Request form for each one. If you have six or more requests, you may fill out one Information Request Form and put the additional requests in the Information Requested box at the bottom of the form.

Requester Information

*Requester name: Lyla Gray-Etherson *Phone number: (856) 813-3000

*Requester email address: ecoordinator@propertysolutionsinc.com

Company name: Property Solutions, Inc.

Company billing address: 323 New Albany Road, Moorestown, NJ 08057
(Address, Street, City, State, Zip)

Site/Facility Information

*Site/Facility name: Sunopta Facility Previous site/ facility name:

*Site address/location: 4111 30th Avenue South Parcel: 584170100

*City: Moorhead Zip code: 56560 *County: Clay

Program(s): Preferred ID:

*Information Requested

Describe the information that you need (be as specific as you can):

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of the property assessment, we wish to determine whether government agencies possess any records on the subject property or area wide issues that the property be included in that include potential environmental concerns. Please provide any information regarding any AST / UST, PCBs, spills / releases, petroleum and hazardous materials use, storage, or disposal activities, vapor intrusion, contaminated groundwater, solid waste disposal, asbestos, deed notices, and activities and use limitations.

Note: If a requester chooses not to give any identifying information, the MPCA will provide him/her with contact information so that he/she will be able to check on the status of his/her request. However, if the agency file manager handling the request has questions about it but is unable to contact the requester for clarification, this may result in a delay in processing the request.

Submit Reset

Brian Gallagher

From: environmental coordinator
Sent: Monday, November 23, 2015 9:38 AM
To: 'recordsmanagementintaketriage.pca@state.mn.us'
Subject: Various Requests
Attachments: Information request form.pdf; Information request form.pdf; Information request form.pdf; Information request form.pdf

Lyla Gray-Etherson
Environmental Coordinator
Property Solutions INC.
323 New Albany Road
Moorestown, New Jersey 08057
Phone: (856) 813-3000, Ext. 245
Fax: (856) 813-1073\68
Email: ecoordinator@propertysolutionsinc.com

From: Chad Stangeland <chad.stangeland@ci.moorhead.mn.us>
Sent: Monday, November 30, 2015 12:11 PM
To: environmental coordinator
Subject: Sunopta, Moorhead, MN Request for Information
Attachments: Data Request-Complete.pdf; Run Report 2008-1870.pdf

Dear Lyla Gray-Etherson,

I have attached the only document that matched the data you requested. Please let me know you need any additional assistance.

Thank You,

Chad Stangeland
Assistant Chief
Fire Marshal &
Emergency Manager
Moorhead Fire Department
1120 1st Ave. N.
Moorhead, MN 56560
(218) 299-5433

A

FDID: 14307 | State: MN | Incident Date (MM DD YYYY): 09 19 2008 | Station: | Incident Number: 2008-00001870 | Exposure: 000 | ☐ Delete ☐ Change

NFIRS - 1 BASIC

B Location Type

- ☒ Street address
- ☐ Intersection
- ☐ In front of
- ☐ Rear of
- ☐ Adjacent to
- ☐ Directions
- ☐ US National Grid

☐ Check this box to indicate that the address for this incident is provided on the Wildland Fire Module in Section B, "Alternative Location Specification." Use only for wildland fires.

Census Tract:

Number/Milepost: 4111 | Prefix: | Street or Highway: 30 | Street Type: AVE | Suffix: S

Apt./Suite/Room: | City: MOORHEAD | State: MN | ZIP Code: 56560 -

Cross Street, Directions or National Grid, as applicable:

C IncidentType

413 Oil or other combustible

Incident Type

D Aid Given or Received

☒ None

1 ☐ Mutual aid received
2 ☐ Auto. aid received
3 ☐ Mutual aid given
4 ☐ Auto. aid given
5 ☐ Other aid given

Their FDID | Their State | Their Incident Number

E1 Dates and Times

Midnight is 0000

Check boxes if dates are the same as Alarm Date.

	Month	Day	Year	Hour/Min
Alarm (ALARM always required)	09	19	2008	0625
☒ Arrival (ARRIVAL required, unless canceled or did not arrive)	09	19	2008	0634
☐ Controlled (CONTROLLED optional, except for wildland fires)				
☒ Last Unit Cleared (LAST UNIT CLEARED, required except for wildland fires)	09	19	2008	0655

E2 Shifts and Alarms

Local option

Shift or Platoon: | Alarms: 1 | District: Stat

E3 Special Studies

Local option

Special Study ID#: | Special Study Value:

F Actions Taken

51 Ventilate — Primary Action Taken (1)

86 Investigate — Additional Action Taken (2)

Additional Action Taken (3):

G1 Resources

☒ Check this box and skip this block if an Apparatus or Personnel Module is used.

	Apparatus	Personnel
Suppression	0	0
EMS	0	0
Other	6	11

☐ Check box if resource counts include aid received resources.

G2 Estimated Dollar Losses and Values

LOSSES: Required for all fires if known. Optional for non-fires. — None

Property $ ☒
Contents $ ☒

PRE-INCIDENT VALUE: Optional

Property $ ☒
Contents $ ☒

Completed Modules

- ☒ Fire-2
- ☒ Structure Fire-3
- ☐ Civilian Fire Cas.-4
- ☐ Fire Service Cas.-5
- ☐ EMS-6
- ☐ HazMat-7
- ☐ Wildland Fire-8
- ☒ Apparatus-9
- ☐ Personnel-10
- ☐ Arson-11

H1 Casualties

☒ None

	Deaths	Injuries
Fire Service	0	0
Civilian	0	0

H2 Detector

Required for confined fires.

1 ☐ Detector alerted occupants
2 ☐ Detector did not alert them
U ☐ Unknown

H3 Hazardous Materials Release

☒ None

1 ☐ Natural gas: slow leak, no evacuation or HazMat actions
2 ☐ Propane gas: < 21 - lb tank (as in home BBQ grill)
3 ☐ Gasoline: vehicle fuel tank or portable container
4 ☐ Kerosene: fuel burning equipment or portable storage
5 ☐ Diesel fuel/fuel oil: vehicle fuel tank or portable storage
6 ☐ Household solvents: home/office spill, cleanup only
7 ☐ Motor oil: from engine or portable container
8 ☐ Paint: from paint cans totaling < 55 gallons
0 ☐ Other: special HazMat action required or spill > 55 gal

(Please complete the HazMat form.)

I Mixed Use Property

☒ Not mixed

10 ☐ Assembly use
20 ☐ Education use
33 ☐ Medical use
40 ☐ Residential use
51 ☐ Row of stores
53 ☐ Enclosed mall
58 ☐ Business & residential
59 ☐ Office use
60 ☐ Industrial use
63 ☐ Military use
65 ☐ Farm use
00 ☐ Other mixed use

J Property Use

☐ None

Structures

131 ☐ Church, place of worship
161 ☐ Restaurant or cafeteria
162 ☐ Bar/tavern or nightclub
213 ☐ Elementary school, kindergarten
215 ☐ High school, junior high
241 ☐ College, adult education
311 ☐ Nursing home
331 ☐ Hospital
341 ☐ Clinic, clinic-type infirmary
342 ☐ Doctor/dentist office
361 ☐ Prison or jail, not juvenile
419 ☐ 1-or 2-family dwelling
429 ☐ Multifamily dwelling
439 ☐ Rooming/boarding house
449 ☐ Commercial hotel or motel
459 ☐ Residential, board and care
464 ☐ Dormitory/barracks
519 ☐ Food and beverage sales
539 ☐ Household goods, sales, repairs
571 ☐ Gas or service station
579 ☐ Motor vehicle/boat sales/repairs
599 ☐ Business office
615 ☐ Electric-generation plant
629 ☐ Laboratory/science laboratory
700 ☒ Manufacturing plant
819 ☐ Livestock/poultry storage (barn)
882 ☐ Non-residential parking garage
891 ☐ Warehouse

Outside

124 ☐ Playground or park
655 ☐ Crops or orchard
669 ☐ Forest (timberland)
807 ☐ Outdoor storage area
919 ☐ Dump or sanitary landfill
931 ☐ Open land or field
936 ☐ Vacant lot
938 ☐ Graded/cared for plot of land
946 ☐ Lake, river, stream
951 ☐ Railroad right-of-way
960 ☐ Other street
961 ☐ Highway/divided highway
962 ☐ Residential street/driveway
981 ☐ Construction site
984 ☐ Industrial plant yard

Look up and enter a Property Use code and description only if you have NOT checked a Property Use box.

⇨ Property Use Code:

Property Use Description:

A — NFIRS - 1 BASIC

FDID	State	Incident Date (MM DD YYYY)	Station	Incident Number	Exposure	
14307	MN	09 19 2008		2008-00001870	000	☐ Delete ☐ Change

K2 Owner — Local Option

☐ Same as person involved? Then check this box and skip the rest of this block.

Business Name (if applicable) | Area Code | Phone Number

☐ Check this box if same address as incident Location (Section B). then skip the three duplicate address lines.

Mr., Ms., Mrs. | First Name | MI | Last Name | Suffix

Number | Prefix | Street or Highway | Street Type | Suffix

Post Office Box | Apt./Suite/Room | City

State | ZIP Code

M Authorization

Check box if same as Officer in charge.

Officer in charge ID: 115	Signature: Ronald Sorum	Position or rank: Assistant Chi	Assignment: Fire	Month	Day	Year	
☒ Member making report ID: 115	Signature: Ronald Sorum	Position or rank: Assistant Chi	Assignment: Fire	Month	Day	Year	

A — NFIRS - 1 BASIC

FDID	State	Incident Date (MM DD YYYY)	Station	Incident Number	Exposure	
14307	MN	09 19 2008		2008-00001870	000	☐ Delete ☐ Change

L Remarks

Local Option

E2 responded to report of smoke in warehouse. Investigation found an oil line had leaked on to the hot compressor and filled the building with smoke. E2 opened up the doors and ventilated the building.

NFIRS - 2 FIRE

A

FDID	State	Incident Date (MM DD YYYY)	Station	Incident Number	Exposure	
14307	MN	09 19 2008		2008-00001870	000	☐ Delete ☐ Change

B Property Details

B1 0 ☐ Not Residential
Estimated number of residential living units in building of origin whether or not all units became involved

B2 ☐ Buildings not involved
Number of buildings involved

B3 ☐ None ☐ Less than one acre
Acres burned (outside fires)

C On-Site Materials or Products

☐ None

Complete if there were any significant amounts of commercial, industrial, energy, or agricultural products or materials on the property, whether or not they became involved

Enter up to three codes. Check one box for each code entered.

On-site material (1)
On-site material (2)
On-site material (3)

On-Site Materials Storage Use

1 ☐ Bulk storage or warehousing
2 ☐ Processing or manufacturing
3 ☐ Packaged goods for sale
4 ☐ Repair or service
U ☐ Undetermined

D Ignition

D1 Area of fire origin ☆

D2 Heat source ☆

D3 Item first ignited ☆ 1 ☐ Check box if fire spread was confined to object of origin.

D4 Type of material first ignited — Required only if item first ignited code is 00 or <70

E1 Cause of Ignition ☆

⇨ Skip to Section G

☐ Check box if this is an exposure report.

1 ☐ Intentional
2 ☐ Unintentional
3 ☐ Failure of equipment or heat source
4 ☐ Act of nature
5 ☐ Cause under investigation
U ☐ Cause undetermined after investigation

E2 Factors Contributing to Ignition ☆

☐ None

Factor contributing to ignition (1)
Factor contributing to ignition (2)

E3 Human Factors Contributing to Ignition

Check all applicable boxes ☆ ☐ None

1 ☐ Asleep
2 ☐ Possibly impaired by alcohol or drugs
3 ☐ Unattended person
4 ☐ Possibly mentally disabled
5 ☐ Physically disabled
6 ☐ Multiple persons involved
7 ☐ Age was a factor

Estimated age of person involved

1 ☐ Male 2 ☐ Female

F1 Equipment Involved in Ignition

☐ None ⇨ If equipment was not involved, skip to Section G

Equipment Involved
Brand
Model
Serial #
Year

F2 Equipment Power Source

Equipment Power Source

F3 Equipment Portability

1 ☐ Portable
2 ☐ Stationary

Portable equipment normally can be moved by one or two persons, is designed to be used in multiple locations, and requires no tools to install.

G Fire Suppression Factors

☐ None

Enter up to three codes.

Fire suppression factor (1)
Fire suppression factor (2)
Fire suppression factor (3)

H1 Mobile Property Involved

☐ None

1 ☐ Not involved in ignition, but burned
2 ☐ Involved in ignition, but did not burn
3 ☐ Involved in ignition and burned

H2 Mobile Property Type and Make

Mobile property type
Mobile property make
Mobile property model
Year
License Plate Number
State
VIN

Structure fire? Please be sure to complete the Structure Fire form (NFIRS-3).

Local Use

☐ Pre-Fire Plan Available

Some of the information presented in this report may be based upon reports from other agencies:

☐ Arson report attached
☐ Police report attached
☐ Coroner report attached
☐ Other reports attached

I1 Structure Type ☆

If fire was in an enclosed building or a portable/mobile structure, complete the rest of this form.

- 1 [X] Enclosed building
- 2 [ ] Portable/mobile structure
- 3 [ ] Open structure
- 4 [ ] Air-supported structure
- 5 [ ] Tent
- 6 [ ] Open platform (e.g., piers)
- 7 [ ] Underground structure (work areas)
- 8 [ ] Connective structure (e.g., fences)
- 0 [ ] Other type of structure

I2 Building Status ☆

- 1 [ ] Under construction
- 2 [X] In Normal Use
- 3 [ ] Idle, not routinely used
- 4 [ ] Under major renovation
- 5 [ ] Vacant and secured
- 6 [ ] Vacant and unsecured
- 7 [ ] Being demolished
- 0 [ ] Other
- U [ ] Undetermined

I3 Building Height ☆

Count the roof as part of the highest story.

2 — Total number of stories at or above grade

0 — Total number of stories below grade

I4 Main Floor Size ☆

NFIRS-3 STRUCTURE FIRE

Total square feet

OR

Length in feet BY Width in feet

J1 Fire Origin ☆

[ ] Below grade

Story of fire origin

J2 Fire Spread ☆

If fire spread was confined to object of origin, do not check a box (Ref. Block D3, Fire Module.)

- 2 [ ] Confined to room of origin
- 3 [ ] Confined to floor of origin
- 4 [ ] Confined to building of origin
- 5 [ ] Beyond building of origin

J3 Number of Stories Damaged by Flame

Count the roof as part of the highest story.

- Number of stories w/minor damage (1 to 24% flame damage)
- Number of stories w/significant damage (25 to 49% flame damage)
- Number of stories w/heavy damage (50 to 74% flame damage)
- Number of stories w/extreme damage (75 to 100% flame damage)

K Type of Material Contributing Most to Flame Spread

[ ] Check if no flame spread OR if same as Material First Ignited (Block D4, Fire Module) OR if unable to determine. ⇨ Skip to Section L

K1 Item contributing most to flame spread

K2 Type of material contributing most to flame spread — Required only if item contributing code is 00 or < 70.

L1 Presence of Detectors ☆

(In area of the fire)

- N [ ] None Present ⇨ Skip to Section M
- 1 [X] Present
- U [ ] Undetermined

L2 Detector Type

- 1 [ ] Smoke
- 2 [ ] Heat
- 3 [ ] Combination smoke and heat
- 4 [ ] Sprinkler, water flow detection
- 5 [ ] More than one type present
- 0 [X] Other
- U [ ] Undetermined

L3 Detector Power Supply

- 1 [ ] Battery only
- 2 [ ] Hardwire only
- 3 [ ] Plug-in
- 4 [ ] Hardwire with battery
- 5 [ ] Plug-in with battery
- 6 [ ] Mechanical
- 7 [ ] Multiple detectors & power supplies
- 0 [ ] Other
- U [ ] Undetermined

L4 Detector Operation

- 1 [ ] Fire too small to activate
- 2 [ ] Operated ⇨ Complete Block L5
- 3 [ ] Failed to operate ⇨ Complete Block L6
- U [ ] Undetermined

L5 Detector Effectiveness

Required if detector operated.

- 1 [ ] Alerted occupants, occupants responded
- 2 [ ] Alerted occupants, occupants failed to respond
- 3 [ ] There were no occupants
- 4 [ ] Failed to alert occupants
- U [ ] Undetermined

L6 Detector Failure Reason

Required if detector failed to operated.

- 1 [ ] Power failure, shutoff, or disconnect
- 2 [ ] Improper installation or placement
- 3 [ ] Defective
- 4 [ ] Lack of maintenance, includes not cleaning
- 5 [ ] Battery missing or disconnected
- 6 [ ] Battery discharged or dead
- 7 [ ] Other
- U [ ] Undetermined

M1 Presence of Automatic Extinguishing System ☆

- N [ ] None Present
- 1 [X] Present
- 2 [ ] Partial System Present
- U [ ] Undetermined

⇨ Complete rest of Section M

M2 Type of Automatic Extinguishing System

Required if fire was within designed range of AES

- 1 [X] Wet-pipe
- 2 [ ] Dry-pipe sprinkler
- 3 [ ] Other sprinkler system
- 4 [ ] Dry chemical system
- 5 [ ] Foam system
- 6 [ ] Halogen-type system
- 7 [ ] Carbon dioxide (CO_2) system
- 0 [ ] Other special hazard system
- U [ ] Undetermined

M3 Operation of Automatic Extinguishing System

Required if fire was within designed range

- 1 [ ] Operated/effective (go to M4)
- 2 [ ] Operated/not effective (go to M4)
- 3 [ ] Fire too small to activate
- 4 [ ] Failed to operate (go to M5)
- 0 [ ] Other
- U [ ] Undetermined

M4 Number of Sprinkler Heads Operating

Required if system operated

Number of sprinkler heads operating

M5 Reason for Automatic Extinguishing System Failure

Required if system failed or not effective

- 1 [ ] System shut off
- 2 [ ] Not enough agent discharged
- 3 [ ] Agent discharged but did not reach fire
- 4 [ ] Wrong type of system
- 5 [ ] Fire not in area protected
- 6 [ ] System components damaged
- 7 [ ] Lack of maintenance
- 8 [ ] Manual intervention
- 0 [ ] Other
- U [ ] Undetermined

A | FDID: 14307 | State: MN | Incident Date (MM DD YYYY): 09 19 2008 | Station: | Incident Number: 2008-00001870 | Exposure: 000 | ☐ Delete ☐ Change | **NFIRS - 9 APPARATUS OR RESOURCES**

B Apparatus or Resources (Use codes listed below)	Dates and Times (Midnight is 0000; Check if same date as Alarm date on the Basic Module (Block E1))	Month	Day	Year	Hour / Min	Sent	Number of People	Apparatus Use (Check ONE box for each apparatus to indicate its main use at this incident)	Actions Taken (List up to 4 actions for each apparatus)
1 ID: 900 ☆ Type: 92	Dispatch ☒	09	19	2008	0625	☒	01	☐ Suppression ☐ EMS ☒ Other	
	Arrival ☒	09	19	2008	0634				
	Clear ☒	09	19	2008	0655				
2 ID: CHF1 ☆ Type: 92	Dispatch ☒	09	19	2008	0625	☒	01	☐ Suppression ☐ EMS ☒ Other	
	Arrival ☒	09	19	2008	0634				
	Clear ☒	09	19	2008	0655				
3 ID: CHF3 ☆ Type: 92	Dispatch ☒	09	19	2008	0625	☒	01	☐ Suppression ☐ EMS ☒ Other	
	Arrival ☒	09	19	2008	0634				
	Clear ☒	09	19	2008	0655				
4 ID: E1 ☆ Type: 11	Dispatch ☒	09	19	2008	0625	☒	03	☐ Suppression ☐ EMS ☒ Other	
	Arrival ☒	09	19	2008	0634				
	Clear ☒	09	19	2008	0655				
5 ID: E2 ☆ Type: 11	Dispatch ☒	09	19	2008	0625	☒	04	☐ Suppression ☐ EMS ☒ Other	
	Arrival ☒	09	19	2008	0634				
	Clear ☒	09	19	2008	0655				
6 ID: ☆ Type:	Dispatch ☐					☒		☐ Suppression ☐ EMS ☐ Other	
	Arrival ☐								
	Clear ☐								
7 ID: ☆ Type:	Dispatch ☐					☒		☐ Suppression ☐ EMS ☐ Other	
	Arrival ☐								
	Clear ☐								
8 ID: ☆ Type:	Dispatch ☐					☒		☐ Suppression ☐ EMS ☐ Other	
	Arrival ☐								
	Clear ☐								
9 ID: ☆ Type:	Dispatch ☐					☒		☐ Suppression ☐ EMS ☐ Other	
	Arrival ☐								
	Clear ☐								

Apparatus or Resource Type

Ground Fire Suppression
- 11 Engine
- 12 Truck or aerial
- 13 Quint
- 14 Tanker and pumper combination
- 16 Brush truck
- 17 ARFF (aircraft rescue and firefighting)
- 10 Ground fire suppression, other

Heavy Ground Equipment
- 21 Dozer or plow
- 22 Tractor
- 24 Tanker or tender
- 20 Heavy ground equipment, other

Aircraft
- 41 Aircraft: fixed-wing tanker
- 42 Helitanker
- 43 Helicopter
- 40 Aircraft, other

Marine Equipment
- 51 Fire boat with pump
- 52 Boat, no pump
- 53 Marine equipment, other

Support Equipment
- 61 Breathing apparatus support
- 62 Light and air unit
- 60 Support apparatus, other

Medical and Rescue
- 71 Rescue unit
- 72 Urban search and rescue unit
- 73 High-angle rescue unit
- 75 BLS unit
- 76 ALS unit
- 70 Medical and rescue unit, other

Other
- 91 Mobile command post
- 92 Chief officer car
- 93 HazMat unit
- 94 Type 1 hand crew
- 95 Type II hand crew
- 99 Privately owned vehicle
- 00 Other apparatus / resources

More Apparatus? Use additional

NN None
UU Undetermined

A | FDID: 14307 | State: MN | Incident Date (MM/DD/YYYY): 09/19/2008 | Station: | Incident Number: 2008-00001870 | Exposure: 000 | ☐ Delete ☐ Change | **NFIRS - 10 PERSONNEL**

B Apparatus or Resources (Use codes listed below)	Dates and Times (Midnight is 0000; Check if same date as Alarm date on the Basic Module (Block E1))	Sent	Number of People ☆	Apparatus Use ☆ (Check ONE box for each apparatus to indicate its main use at this incident)	Actions Taken (List up to 4 actions for each apparatus)
1 ID 900 ☆ Type 92	Dispatch ☒ 09 19 2008 0625 Arrival ☒ 09 19 2008 0634 Clear ☒ 09 19 2008 0655	☒	01	☐ Suppression ☐ EMS ☒ Other	

Personnel ID ☆	Name	Rank or Grade	Attend ☒	Action Taken	Action Taken	Action Taken	Action Taken
113	Clay Charles Dietrich		☒				

2 ID CHF1 ☆ Type 92	Dispatch ☒ 09 19 2008 0625 Arrival ☒ 09 19 2008 0634 Clear ☒ 09 19 2008 0655	☒	01	☐ Suppression ☐ EMS ☒ Other	

Personnel ID ☆	Name	Rank or Grade	Attend ☒	Action Taken	Action Taken	Action Taken	Action Taken
140	Joel Alan Hewitt		☒				

3 ID CHF3 ☆ Type 92	Dispatch ☒ 09 19 2008 0625 Arrival ☒ 09 19 2008 0634 Clear ☒ 09 19 2008 0655	☒	01	☐ Suppression ☐ EMS ☒ Other	

Personnel ID ☆	Name	Rank or Grade	Attend ☒	Action Taken	Action Taken	Action Taken	Action Taken
123	Jeffrey Marc Wallin		☒				

4 ID E1 ☆ Type 11	Dispatch ☒ 09 19 2008 0625 Arrival ☒ 09 19 2008 0634 Clear ☒ 09 19 2008 0655	☒	03	☐ Suppression ☐ EMS ☒ Other	

Personnel ID ☆	Name	Rank or Grade	Attend ☒	Action Taken	Action Taken	Action Taken	Action Taken
134	Benton James Hicks		☒				
142	Kevin Ray Salisbury		☒				
130	Bert David McDonough		☒				

5 ID E2 ☆ Type 11	Dispatch ☒ 09 19 2008 0625 Arrival ☒ 09 19 2008 0634 Clear ☒ 09 19 2008 0655	☒	04	☐ Suppression ☐ EMS ☒ Other	

Personnel ID ☆	Name	Rank or Grade	Attend ☒	Action Taken	Action Taken	Action Taken	Action Taken
144	Troy Dale Thies		☒				
115	Ronald Duane Sorum		☒				
137	Ryan Gene Muchow		☒				
118	Robert Jerome Carney		☒				

56560

FACILITY INFORMATION	AFS	ACRES	BR	CERCLIS	GHG	PCS/ICIS	RAD Info	RCRA Info	TRI	TSCA
A SHUR SIGN CO INC 2305 12TH AVE S MOORHEAD, MN 56560 Latitude: 46.8612 Longitude: -96.74384 Summary Report Facility Report Compliance Report								View Report		
ACME PRINTING CO 818 MAIN AVE MOORHEAD, MN 56560 Latitude: 46.873778 Longitude: -96.767553 Summary Report Facility Report Compliance Report								View Report		
ADAMS FAMILY USED CARS 725 32ND AVE S MOORHEAD, MN 565604932 Latitude: 46.84189 Longitude: -96.76863 Summary Report Facility Report Compliance Report								View Report		
AEVENIA INC 3030 24TH AVE S MOORHEAD, MN 56560 Latitude: 46.85216 Longitude: -96.73033 Summary Report Facility Report Compliance Report								View Report		
AGGREGATE INDUSTRIES INC - MOORHEAD SHOP 1301 CENTER AVE MOORHEAD, MN 56560 Latitude: 46.87479 Longitude: -96.75939 Summary Report Facility Report Compliance Report								View Report		
AGGREGATE INDUSTRIES INC - P-91 - NM 1515 1ST AVENUE NORTH MOORHEAD, MN 56560-2209 Latitude: 46.87557 Longitude: -96.75478 Summary Report Facility Report Compliance Report	View Report	View Report						View Report		

ALL PRO PHOTO
1610 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.873968
Longitude: -96.754364
Summary Report
Facility Report
Compliance Report
View Report

ALL TEMP REFRIGERATION
1325 23RD ST S
MOORHEAD, MN
565603816
Latitude: 46.86052
Longitude: -96.74499
Summary Report
Facility Report
Compliance Report
View Report

ALTIMATE AUTO BODY
1819 N 11TH ST
MOORHEAD, MN 56560
Latitude: 46.894321
Longitude: -96.76246
Summary Report
Facility Report
Compliance Report
View Report

AMBROSE REPAIR
1817 11TH ST N
MOORHEAD, MN
565601407
Latitude: 46.8949
Longitude: -96.76346
Summary Report
Facility Report
Compliance Report
View Report

AMERICAN CRYSTAL SUGAR - RESEARCH CENTER
1700 N 11TH ST
MOORHEAD, MN
56560-1406
Latitude: 46.89402
Longitude: -96.76246
Summary Report
Facility Report
Compliance Report
View Report

AMERICAN CRYSTAL SUGAR CO
2500 NORTH 11TH STREET MOORHEAD, MN
56560-1400
Latitude: 46.903056
Longitude: -96.759722
Summary Report
Facility Report
Compliance Report
View Report | View Report | View Report | View Report | View Report

AMERICINN OF MOORHEAD
600 30TH AVE S
MOORHEAD, MN 56560
View Report

Latitude: 46.84477
Longitude: -96.77039
Summary Report
Facility Report
Compliance Report

AMIGO'S AUTO REPAIR
& BODYWORK
118 9TH ST N
MOORHEAD, MN 56560
Latitude: 46.87683
Longitude: -96.76584
Summary Report
Facility Report
Compliance Report
View Report

ANDERSON CUSTOM
AUTO BODY
1325 S 23RD ST
MOORHEAD, MN
56560-3816
Latitude: 46.860953
Longitude: -96.744348
Summary Report
Facility Report
Compliance Report
View Report

ASPLIN EXCAVATING
HIGHWAY 75 N
MOORHEAD, MN 56560
Latitude: 46.894103
Longitude: -96.746339
Summary Report
Facility Report
Compliance Report
View Report

ATOMIC COFFEE
15 4TH STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.874364
Longitude: -96.773951
Summary Report
Facility Report
Compliance Report
View Report

AUTO BODY BY PREMIER
INC
1513 29TH AVE S
MOORHEAD, MN
565605143
Latitude: 46.84556
Longitude: -96.75483
Summary Report
Facility Report
Compliance Report
View Report

B & B AMOCO
104 8TH ST S
MOORHEAD, MN
565602809
Latitude: 46.87354
Longitude: -96.76754
Summary Report
Facility Report
Compliance Report
View Report

BEKKERUS & BEKKERUS
INC DBA A-1 AUTO
2000 1ST AVE S
MOORHEAD, MN 56560
Latitude: 46.87397
Longitude: -96.74766
Summary Report
Facility Report
Compliance Report
View Report

BEKKERUS & BEKKERUS
INC DBA A-1 AUTO
2627 16TH AVE S
MOORHEAD, MN 56560
Latitude: 46.85788
Longitude: -96.738
Summary Report
Facility Report
Compliance Report
View Report

BENNETT
MANUFACTURED HOME
PARK
1903 1ST AVE S
MOORHEAD, MN 56560
Latitude: 46.87325
Longitude: -96.74955
Summary Report
Facility Report
Compliance Report
View Report

BERT'S TRUCK
EQUIPMENT OF
MOORHEAD INC
2620 2ND AVENUE
NORTH MOORHEAD, MN
56560-2506
Latitude: 46.87785
Longitude: -96.73801
Summary Report
Facility Report
Compliance Report
View Report

BIG LOT NERESONS
2415 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87682
Longitude: -96.74106
Summary Report
Facility Report
Compliance Report
View Report

BOBS STANDARD
1036 1ST AVE N
MOORHEAD, MN
565602003
Latitude: 46.87626
Longitude: -96.76302
Summary Report
Facility Report
Compliance Report
View Report

BOND ROBERT A DDS
1401 S 8TH ST
MOORHEAD, MN
56560-3605
View Report

Latitude: 46.86013
Longitude: -96.76805
Summary Report
Facility Report
Compliance Report

BRADYS SERVICE CTR INC 2405 8TH ST S MOORHEAD, MN 56560 Latitude: 46.85075 Longitude: -96.76884 Summary Report Facility Report Compliance Report				View Report	
BRADY`S SERVICE CENTER 2408 8TH ST S MOORHEAD, MN 565604443 Latitude: 46.85098 Longitude: -96.76802 Summary Report Facility Report Compliance Report				View Report	
BUDGET AUTO BODY 2424 2ND AVE N MOORHEAD, MN 565602504 Latitude: 46.877041 Longitude: -96.741556 Summary Report Facility Report Compliance Report				View Report	
BUDS AMOCO 720 30TH AVE S MOORHEAD, MN 56560 Latitude: 46.84407 Longitude: -96.769132 Summary Report Facility Report Compliance Report				View Report	
BURLINGTON NORTHERN SANTA FE (BNSF) INTERSECTION OF HIGHWAY 10 AND 21ST STREET SOUTH MOORHEAD, MN 56560 Latitude: 46.874658 Longitude: -96.750858 Summary Report Facility Report Compliance Report		View Report			
BUSCH AGRICULTURAL RESOURCES LLC 2101 28TH ST S MOORHEAD, MN 56560 Latitude: 46.905064 Longitude: -96.749802 Summary Report	View Report		View Report	View Report	View Report

Facility Report
Compliance Report

CAMELOT CLEANERS - MOORHEAD
625 MAIN MOORHEAD,
MN 56560-2750
Latitude: 46.87354
Longitude: -96.76968
Summary Report
Facility Report
Compliance Report
View Report

CAMRUD FOSS CONCRETE CONSTRUCTION INC
3300 8TH ST S
MOORHEAD, MN
565605004
Latitude: 46.84082
Longitude: -96.76714
Summary Report
Facility Report
Compliance Report
View Report

CC MOTOR SALES INC
1313 30TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84341
Longitude: -96.75874
Summary Report
Facility Report
Compliance Report
View Report

CENEX PETRO SERVE
1321 CENTER AVE
MOORHEAD, MN
565602230
Latitude: 46.87479
Longitude: -96.75864
Summary Report
Facility Report
Compliance Report
View Report

CENTENNIAL GENERATING STATION
715 MAIN AVE SE
MOORHEAD, MN 56560
Latitude: 46.873797
Longitude: -96.769117
Summary Report
Facility Report
Compliance Report
View Report

CHECKER AUTO PARTS
1862
1030 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87401
Longitude: -96.76328
Summary Report
Facility Report
Compliance Report
View Report

CHROMAN GODS
2207 29TH ST S
View Report

MOORHEAD, MN 56560 Latitude: 46.85349 Longitude: -96.73402 Summary Report Facility Report Compliance Report		
CLAY COUNTY COURTHOUSE 807 11TH ST N MOORHEAD, MN 565601500 Latitude: 46.88421 Longitude: -96.76352 Summary Report Facility Report Compliance Report		View Report
CLAY COUNTY PUBLIC HEALTH 715 N 11TH ST MOORHEAD, MN 56560-2083 Latitude: 46.882846 Longitude: -96.76259 Summary Report Facility Report Compliance Report		View Report
COCA COLA BOTTLING CO OF FARGO INC 2000 1ST AVE N MOORHEAD, MN 56560 Latitude: 46.87654 Longitude: -96.74821 Summary Report Facility Report Compliance Report		View Report
COMSTOCK HOUSE DBA HORSLEY SPECIALTIES 506 8TH ST S MOORHEAD, MN 56560 Latitude: 46.86892 Longitude: -96.76749 Summary Report Facility Report Compliance Report		View Report
CONCORDIA COLLEGE - MOORHEAD CAMPUS 901 8TH ST S MOORHEAD, MN 56560 Latitude: 46.86511 Longitude: -96.76806 Summary Report Facility Report Compliance Report	View Report	View Report
CORAM ALTERNATE SITE SERVICES INC 2901 FRONTAGE RD S STE 7 MOORHEAD, MN 56560-2572 Latitude: 46.87539 Longitude: -96.73635		View Report

Summary Report
Facility Report
Compliance Report

CORDELL MOTORS INC
2525 HIGHWAY 10 E
MOORHEAD, MN
565602525
Latitude: 46.87523
Longitude: -96.74022
View Report
Summary Report
Facility Report
Compliance Report

CORSAIR PROPERTY
1500 1ST AVE. N. AND
1521 2ND AVE. N.
MOORHEAD, MN 56560
Latitude: 46.77796
Longitude: -96.65402
View Report
Summary Report
Facility Report
Compliance Report

CRAIG PROPERTIES
1600 29TH AVE S
MOORHEAD, MN
565605142
Latitude: 46.8464
Longitude: -96.75388
View Report
Summary Report
Facility Report
Compliance Report

CROWN TROPHY
13 4TH STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.874376
Longitude: -96.773955
View Report
Summary Report
Facility Report
Compliance Report

D & S HYDRAULICS
773 HIGHWAY 75 N
MOORHEAD, MN
565602414
Latitude: 46.882962
Longitude: -96.744967
View Report
Summary Report
Facility Report
Compliance Report

D & S TOWING
1246 1ST AVE N
MOORHEAD, MN
565602204
Latitude: 46.87633
Longitude: -96.76022
View Report
Summary Report
Facility Report
Compliance Report

DAHL'S CERTIFIED AUTO
BODY INC
1715 27TH ST S
View Report

MOORHEAD, MN 56560
Latitude: 46.85687
Longitude: -96.73689
Summary Report
Facility Report
Compliance Report

DARRELL'S REPAIR
116 N 14TH
MOORHEAD, MN
56560-2224
Latitude: 46.876278
Longitude: -96.757439
Summary Report
Facility Report
Compliance Report
View Report

DARRELLS REPAIR
1819 11TH ST N
MOORHEAD, MN
565601407
Latitude: 46.89525
Longitude: -96.76345
Summary Report
Facility Report
Compliance Report
View Report

DEBATES TODD E DR DDS
PROFESSIONAL CTR STE
6 HOLIDAY MOORHEAD,
MN 56560
Latitude: 46.892739
Longitude: -96.691047
Summary Report
Facility Report
Compliance Report
View Report

DIERCKS PRINTING CO INC
111 S 7TH ST
MOORHEAD, MN 56560
Latitude: 46.873691
Longitude: -96.769332
Summary Report
Facility Report
Compliance Report
View Report

DO RIGHT AUTO BODY
1519 29TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84556
Longitude: -96.75433
Summary Report
Facility Report
Compliance Report
View Report

DR DAVID C WENTZ DDS
320 2ND AVE S STE 106
MOORHEAD, MN
56560-2602
Latitude: 46.87296
Longitude: -96.77454
Summary Report
View Report

Facility Report
Compliance Report

DR JEFFREY HARVEY - MOORHEAD
HOLIDAY MALL PROFESSIONAL CENTER
SUITE 1 MOORHEAD,
MN 56560
Latitude: 46.892739
Longitude: -96.691047
Summary Report
Facility Report
Compliance Report
View Report

DUGGANS AUTO SERVICE CENTER
1405 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87351
Longitude: -96.75699
Summary Report
Facility Report
Compliance Report
View Report

EAST PARKING LOT
15 4TH STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.874364
Longitude: -96.773951
Summary Report
Facility Report
Compliance Report
View Report

EID CO BUILDERS
2700 12TH AVE S
MOORHEAD, MN
565603902
Latitude: 46.86285
Longitude: -96.73745
Summary Report
Facility Report
Compliance Report
View Report

ELECTRIC MOTOR & CONSTRUCTION CO
422 HIGHWAY 75 N
MOORHEAD, MN
565602409
Latitude: 46.88008
Longitude: -96.74318
Summary Report
Facility Report
Compliance Report
View Report

EVENTIDE SENIOR LIVING COMMUNITIES
1405 7TH ST S
MOORHEAD, MN 56560
Latitude: 46.85967
Longitude: -96.77001
Summary Report
Facility Report
Compliance Report
View Report

FAMILY HEALTHCARE
View

CENTER
715 11TH ST N STE
106B MOORHEAD, MN
56560
Latitude: 46.88322
Longitude: -96.76352
Summary Report
Facility Report
Compliance Report
Report

FARMER'S INSURANCE
19 4TH STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.874339
Longitude: -96.773943
Summary Report
Facility Report
Compliance Report
View
Report

FM AUTO BODY
1715 1ST AVE S
MOORHEAD, MN 56560
Latitude: 46.87342
Longitude: -96.75203
Summary Report
Facility Report
Compliance Report
View
Report

FM AUTO REPAIR
1715 1ST AVE S
MOORHEAD, MN
565603002
Latitude: 46.87342
Longitude: -96.75203
Summary Report
Facility Report
Compliance Report
View
Report

FM PRINTING & OFFICE
SUPPLY CO
710 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87403
Longitude: -96.76871
Summary Report
Facility Report
Compliance Report
View
Report

FORMER KFC OFFICE
308 MAIN AVENUE
MOORHEAD, MN 56560
Latitude: 46.87413
Longitude: -96.77443
Summary Report
Facility Report
Compliance Report
View
Report

FORMER STURDEVANT
BUILDING
300 MAIN AVENUE
MOORHEAD, MN 56560
Latitude: 46.8741
Longitude: -96.77491
Summary Report
Facility Report
View
Report

Compliance Report

FORMER TIRE DEPOT
1813/2301 25TH
STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.85628
Longitude: -96.743079
Summary Report
Facility Report
Compliance Report

View Report

FURNITURE STORE
900 MAIN ST
MOORHEAD, MN
56560-2802
Latitude: 46.87377
Longitude: -96.76628
Summary Report
Facility Report
Compliance Report

View Report

GAS STOP
903 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87354
Longitude: -96.76597
Summary Report
Facility Report
Compliance Report

View Report

GATEWAY BUILDING
SYSTEMS INC
2200 14TH AVE SOUTH
MOORHEAD, MN
56560-3804
Latitude: 46.86052
Longitude: -96.74568
Summary Report
Facility Report
Compliance Report

View Report

GAVILON FERTILIZER
LLC
2012 28TH AVE SO.
MOORHEAD, MN
56560-4801
Latitude: 46.849167
Longitude: -96.746667
Summary Report
Facility Report
Compliance Report

View Report

View Report

GEORGE L HUMPHREY
DDS
2410 8TH ST S STE 5
MOORHEAD, MN 56560
Latitude: 46.85091
Longitude: -96.76802
Summary Report
Facility Report
Compliance Report

View Report

GLYCOL SOLUTIONS
1217 MAIN ST SE
MOORHEAD, MN

View Report

56560-3856
Latitude: 46.87345
Longitude: -96.76017
Summary Report
Facility Report
Compliance Report

GREENWOOD COMMUNITY MOBILE HOME PARK
1700 3RD AVE. SOUTH
MOORHEAD, MN 56560
Latitude: 46.87151
Longitude: -96.75165
View Report
Summary Report
Facility Report
Compliance Report

GRIFFIN SALES & SERVICE
1425 SE MAIN AVE
MOORHEAD, MN
565603863
Latitude: 46.860579
Longitude: -96.737389
View Report
Summary Report
Facility Report
Compliance Report

GROSZ PHOTOGRAPHY
202 8TH ST S
MOORHEAD, MN
565602811
Latitude: 46.87253
Longitude: -96.7674
View Report
Summary Report
Facility Report
Compliance Report

HANSON KENNETH TRUCKING
1705 7TH ST S
MOORHEAD, MN
565603450
Latitude: 46.8573
Longitude: -96.76993
View Report
Summary Report
Facility Report
Compliance Report

HAROLD MILLER TRUCKING
2312 29TH ST S
MOORHEAD, MN
565605904
Latitude: 46.85217
Longitude: -96.73283
View Report
Summary Report
Facility Report
Compliance Report

HAROLDS CAR CLEAN GCA INC
1416 30TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84446
View Report

Longitude: -96.75692
Summary Report
Facility Report
Compliance Report

HEDGEMASTERS
1725 1ST AVENUE
NORTH MOORHEAD, MN
56560
Latitude: 46.87582
Longitude: -96.75148
Summary Report
Facility Report
Compliance Report
View Report

HELGESON'S
1724 1ST AVE. NORTH
MOORHEAD, MN 56560
Latitude: 46.87649
Longitude: -96.7514
Summary Report
Facility Report
Compliance Report
View Report

HIGH VOLTAGE TEST LAB
926 50TH AVE S
MOORHEAD, MN 56560
Latitude: 46.81946
Longitude: -96.76593
Summary Report
Facility Report
Compliance Report
View Report

HOLIDAY STATIONSTORE 133
901 CENTER AVE
MOORHEAD, MN
565602016
Latitude: 46.87479
Longitude: -96.76581
Summary Report
Facility Report
Compliance Report
View Report

HOLLANDS CLEANERS
18 4TH ST S
MOORHEAD, MN
565602612
Latitude: 46.87405
Longitude: -96.7737
Summary Report
Facility Report
Compliance Report
View Report

HOMEMAKERS VILLA
20 14TH ST N
MOORHEAD, MN 56560
Latitude: 46.875194
Longitude: -96.757447
Summary Report
Facility Report
Compliance Report
View Report

HORSLEY SPECIALTIES INC
View Report

2610 20TH AVE S
MOORHEAD, MN 56560
Latitude: 46.854925
Longitude: -96.737052
Summary Report
Facility Report
Compliance Report

HORVICK ELECTRIC MOTOR CO
305 MAIN AVE
MOORHEAD, MN
565602639
Latitude: 46.87349
Longitude: -96.7745
Summary Report
Facility Report
Compliance Report
View Report

HUB CITY ENVIRONMENTAL LLC
2225 MAIN AVE SE
MOORHEAD, MN 56560
Latitude: 46.85326
Longitude: -96.73168
Summary Report
Facility Report
Compliance Report
View Report

HUBERT OYE & SONS CONSTRUCTION INC
2720 2ND AVE N
MOORHEAD, MN
565602507
Latitude: 46.87764
Longitude: -96.73664
Summary Report
Facility Report
Compliance Report
View Report

ISD 152 MOORHEAD
11TH ST & 20TH AVE S
MOORHEAD, MN 56560
Latitude: 46.85495
Longitude: -96.76276
Summary Report
Facility Report
Compliance Report
View Report

ISD 152 MOORHEAD
11TH ST & 10 AVE N
MOORHEAD, MN 56560
Latitude: 46.885618
Longitude: -96.762878
Summary Report
Facility Report
Compliance Report
View Report

ISD 152 MOORHEAD MAINTENANCE SHOP
1304 15TH AVE N
MOORHEAD, MN 56560
Latitude: 46.89101
Longitude: -96.75779
Summary Report
View Report

Facility Report
Compliance Report

ISD 152 MOORHEAD SR HIGH SCHOOL
2202 4TH AVENUE
SOUTH MOORHEAD, MN 56560
Latitude: 46.87131
Longitude: -96.745552
Summary Report
Facility Report
Compliance Report
View Report

JAQS GARAGE
2320 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87739
Longitude: -96.74258
Summary Report
Facility Report
Compliance Report
View Report

JAYS AUTO RPR
2700 12TH AVE S B
MOORHEAD, MN 56560
Latitude: 46.86285
Longitude: -96.73745
Summary Report
Facility Report
Compliance Report
View Report

JB PRODUCTS
710 3RD ST S
MOORHEAD, MN 565603312
Latitude: 46.86677
Longitude: -96.77466
Summary Report
Facility Report
Compliance Report
View Report

KEN S SANITATION
2010 28TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84819
Longitude: -96.74668
Summary Report
Facility Report
Compliance Report
View Report

KMART STORE 7216
3000 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.87778
Longitude: -96.73193
Summary Report
Facility Report
Compliance Report
View Report
View Report

KRAGNES FARMERS ELEVATOR CO
9749, 21ST STREET
NORTH MOORHEAD, MN 56560-7247
Latitude: 46.983389
View Report

Longitude: -96.750028
Summary Report
Facility Report
Compliance Report

L & L ELECTRIC MOTOR SERVICE INC 4TH ST
119 4TH ST S
MOORHEAD, MN
565602613
Latitude: 46.87319
Longitude: -96.77419
Summary Report
Facility Report
Compliance Report
View Report

L D AUTO ELECTRIC
1725 1ST AVE N
MOORHEAD, MN 56560
Latitude: 46.87582
Longitude: -96.75148
Summary Report
Facility Report
Compliance Report
View Report

L&L ELECTRIC MOTOR SERVICE INC
2824 22ND AVE S
MOORHEAD, MN 56560
Latitude: 46.85437
Longitude: -96.73397
Summary Report
Facility Report
Compliance Report
View Report

LAND PURCHASE
UNKNOWN MOORHEAD, MN 56560
Latitude: 46.846699
Longitude: -96.700172
Summary Report
Facility Report
Compliance Report
View Report

LARRY'S AUTO BODY INC
128 N 16TH ST
MOORHEAD, MN
56560-2226
Latitude: 46.876394
Longitude: -96.754374
Summary Report
Facility Report
Compliance Report
View Report

LEEF BROTHERS
924 MAIN AVE
MOORHEAD, MN
565602802
Latitude: 46.8741
Longitude: -96.76518
Summary Report
Facility Report
Compliance Report
View Report

LLOYD'S AUTO BODY
View

INC
210 17TH STREET
NORTH MOORHEAD, MN
56560-2372
Latitude: 46.87741
Longitude: -96.75218
Summary Report
Facility Report
Compliance Report
Report

MCALISTER MILES
919 5TH ST S
MOORHEAD, MN
565603414
Latitude: 46.86429
Longitude: -96.77295
Summary Report
Facility Report
Compliance Report
View
Report

MED-PLUS HEALTH
CARE PLLC
312 HIGHWAY 75 N
MOORHEAD, MN 56560
Latitude: 46.878327
Longitude: -96.743044
Summary Report
Facility Report
Compliance Report
View
Report

MED-PLUS HEALTH
CARE PLLC - HWY 10
3210 HWY 10 E
MOORHEAD, MN
56560-2524
Latitude: 46.876574
Longitude: -96.728418
Summary Report
Facility Report
Compliance Report
View
Report

MEL'S ELECTRIC
1016 4TH ST S
MOORHEAD, MN 56560
Latitude: 46.86343
Longitude: -96.7733
Summary Report
Facility Report
Compliance Report
View
Report

MENARDS INC -
MOORHEAD
3000 27TH AVE S
MOORHEAD, MN 56560
Latitude: 46.85014
Longitude: -96.73034
Summary Report
Facility Report
Compliance Report
View
Report

MIDAS MUFFLER -
MOORHEAD
3328 HWY 10 E
MOORHEAD, MN
56560-2512
Latitude: 46.876578
View
Report

Longitude: -96.726668
Summary Report
Facility Report
Compliance Report

MIKE'S AUTO SERVICE
2010 5TH AVE N
MOORHEAD, MN 56560
Latitude: 46.88077
Longitude: -96.74712
Summary Report
Facility Report
Compliance Report
View Report

MIKES AUTO SERVICE
116 18TH ST N
MOORHEAD, MN 56560
Latitude: 46.87677
Longitude: -96.75086
Summary Report
Facility Report
Compliance Report
View Report

MILL CREEK CUSTOM CABINETS
2828 24TH AVE S
MOORHEAD, MN 56560
Latitude: 46.85169
Longitude: -96.73432
Summary Report
Facility Report
Compliance Report
View Report

MINN DEPT OF TRANSPORTATION - MOORHEAD
308 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87413
Longitude: -96.77443
Summary Report
Facility Report
Compliance Report
View Report

MINN STATE NATIONAL GUARD HHC 2 136 INF
1002 15TH AVE N
MOORHEAD, MN 56560
Latitude: 46.89152
Longitude: -96.76522
Summary Report
Facility Report
Compliance Report
View Report

MINNKOTA ENVIROSERVICES - MOORHEAD
1321 1ST AVENUE NORTH MOORHEAD, MN 56560-2205
Latitude: 46.87567
Longitude: -96.75809
Summary Report
Facility Report
Compliance Report
View Report

MINNWEST APARTMENTS
2318 10TH ST S
MOORHEAD, MN
565604321
Latitude: 46.85165
Longitude: -96.76386
Summary Report
Facility Report
Compliance Report
View Report

MN STATE COMMUNITY & TECHNICAL COLLEGE
1900 28TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84957
Longitude: -96.75065
Summary Report
Facility Report
Compliance Report
View Report

MOBIL OIL CORP
1101 SE MAIN AVE B
MOORHEAD, MN 56560
Latitude: 46.8636
Longitude: -96.74398
Summary Report
Facility Report
Compliance Report
View Report

MOORHEAD CITY OF
1101 1ST AVE NO
MOORHEAD, MN 56560
Latitude: 46.87603
Longitude: -96.76268
Summary Report
Facility Report
Compliance Report
View Report
View Report

MOORHEAD CITY OF
605 9TH ST N & 609 ELM ST S MOORHEAD, MN 56560
Latitude: 46.86513
Longitude: -96.77961
Summary Report
Facility Report
Compliance Report
View Report

MOORHEAD CITY OPERATIONS & MAINT GARAGE
700 15TH AVE N
MOORHEAD, MN 56560
Latitude: 46.88969
Longitude: -96.77034
Summary Report
Facility Report
Compliance Report
View Report

MOORHEAD COUNTRY CLUB
1002 18TH ST W
MOORHEAD, MN 56560
Latitude: 46.864104
Longitude: -96.75189
View Report

Summary Report
Facility Report
Compliance Report

MOORHEAD COUNTRY CLUB - 18TH AVE 18TH AVE & 11TH ST MOORHEAD, MN 56560 Latitude: 46.85659 Longitude: -96.76277 Summary Report Facility Report Compliance Report			View Report
MOORHEAD ELECTRIC - 12TH AVE 2419 12TH AVE S MOORHEAD, MN 56560 Latitude: 46.86127 Longitude: -96.74304 Summary Report Facility Report Compliance Report			View Report
MOORHEAD HOLIDAY ASSOCIATES LLP 2410 8TH ST SO MOORHEAD, MN 56560 Latitude: 46.85091 Longitude: -96.76802 Summary Report Facility Report Compliance Report			View Report
MOORHEAD MARINE 3220 S 8TH ST MOORHEAD, MN 56560 Latitude: 46.842157 Longitude: -96.767549 Summary Report Facility Report Compliance Report			View Report
MOORHEAD NATIONAL GUARD ARMORY - 5TH ST 222 5TH ST S MOORHEAD, MN 565602715 Latitude: 46.872514 Longitude: -96.77237 Summary Report Facility Report Compliance Report			View Report
MOORHEAD POWER PLANT 519 ELM STREET MOORHEAD, MN 56560 Latitude: 46.86884 Longitude: -96.77952 Summary Report Facility Report Compliance Report	View Report	View Report	View Report
MOORHEAD PUBLIC			View

SERVICE 500 CENTER AVE MOORHEAD, MN 56560 Latitude: 46.87624 Longitude: -96.77195 Summary Report Facility Report Compliance Report		Report
MOORHEAD RADIATOR 701 N HIGHWAY 75 MOORHEAD, MN 56560-2414 Latitude: 46.88262 Longitude: -96.74625 Summary Report Facility Report Compliance Report		View Report
MOORHEAD SIMPLOT GROWER SOLUTIONS 1831 50TH AVEUE SOUTH MOORHEAD, MN 565609207 Latitude: 46.81727 Longitude: -96.74779 Summary Report Facility Report Compliance Report		View Report
MOORHEAD STATE U MAINT DEPT 17TH ST AND 8TH AVE MOORHEAD, MN 56560 Latitude: 46.88341 Longitude: -96.75263 Summary Report Facility Report Compliance Report		View Report
MOORHEAD TACC 1002 5TH AVE N MOORHEAD, MN 56560 Latitude: 46.88031 Longitude: -96.764276 Summary Report Facility Report Compliance Report		View Report
MOORHEAD WASTEWATER TREATMENT FACILITY 2121 28TH STREET NORTH MOORHEAD, MN 56560 Latitude: 46.8959 Longitude: -96.73889 Summary Report Facility Report Compliance Report	View Report	View Report
MOOS THEODORE DENTAL OFFICE 2420 8TH ST S # B MOORHEAD, MN 565604443		View Report

Latitude: 46.850818
Longitude: -96.76802
Summary Report
Facility Report
Compliance Report

MPCA WASTE OIL SERVICE
1705B 26TH ST S
MOORHEAD, MN 56560
Latitude: 46.85737
Longitude: -96.73941
Summary Report
Facility Report
Compliance Report
View Report

MUSCATELL BODY SHOP
814 CENTER AVE
MOORHEAD, MN
56560-1917
Latitude: 46.87535
Longitude: -96.76701
Summary Report
Facility Report
Compliance Report
View Report

MUSCATELL DODGE JEEP EAGLE
904 CENTER AVE
MOORHEAD, MN 56560
Latitude: 46.87536
Longitude: -96.76581
Summary Report
Facility Report
Compliance Report
View Report
View Report

MUSCATELL SUBARU
2809 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.87575
Longitude: -96.73451
Summary Report
Facility Report
Compliance Report
View Report

NELS VOGEL MUSIC INC
1132 28TH AVE S
MOORHEAD, MN
565604451
Latitude: 46.84816
Longitude: -96.76036
Summary Report
Facility Report
Compliance Report
View Report

NERESON SERVICE CENTER
2712 2ND AVE N
MOORHEAD, MN
565602507
Latitude: 46.877086
Longitude: -96.737538
Summary Report
Facility Report
View Report

Compliance Report					
NERESONS BIG LOT SERVICE 2500 2ND AVE N MOORHEAD, MN 56560 Latitude: 46.87765 Longitude: -96.74063 Summary Report Facility Report Compliance Report				View Report	
NORTH PARKING LOT UNKNOWN MOORHEAD, MN 56560 Latitude: 46.87504 Longitude: -96.771609 Summary Report Facility Report Compliance Report	View Report				
NORTHERN AUTO SALES & BODY SHOP 1920 2ND AVE N MOORHEAD, MN 565602369 Latitude: 46.87733 Longitude: -96.74821 Summary Report Facility Report Compliance Report				View Report	
NORTHSIDE TRUCK REPAIR 319 N 17TH ST MOORHEAD, MN 56560-2332 Latitude: 46.878393 Longitude: -96.752706 Summary Report Facility Report Compliance Report				View Report	
NUSTAR - MOORHEAD TERMINAL 1101 SOUTH EAST MAIN AVENUE MOORHEAD, MN 56560-3811 Latitude: 46.873597 Longitude: -96.762864 Summary Report Facility Report Compliance Report	View Report		View Report	View Report	View Report
O'REILLY AUTO PARTS 4287 2601 HIGHWAY 10 E MOORHEAD, MN 56560 Latitude: 46.87525 Longitude: -96.7393 Summary Report Facility Report Compliance Report				View Report	
ON A MISSION TRUCK REPAIR				View Report	

1608 29TH AVE S
MOORHEAD, MN
565605142
Latitude: 46.8464
Longitude: -96.75348
Summary Report
Facility Report
Compliance Report

ON A MISSION TRUCK REPAIR
324 16TH ST N
MOORHEAD, MN
565602234
Latitude: 46.87896
Longitude: -96.7539
Summary Report
Facility Report
Compliance Report
View Report

OSI ENVIRONMENTAL INC - MOORHEAD
1705 SOUTH 26TH STREET MOORHEAD, MN
56560-3841
Latitude: 46.857378
Longitude: -96.739414
Summary Report
Facility Report
Compliance Report
View Report

PACTIV CORP
3010 42ND ST S
MOORHEAD, MN
56560-6006
Latitude: 46.84145
Longitude: -96.70613
Summary Report
Facility Report
Compliance Report
View Report

PAN O GOLD BAKING CO - MOORHEAD
1417 1ST AVE N
MOORHEAD, MN 56560
Latitude: 46.87569
Longitude: -96.75626
Summary Report
Facility Report
Compliance Report
View Report

PIONEER HI BRED INTERNATIONAL INC
1505 29TH AVE S
MOORHEAD, MN
56560-5193
Latitude: 46.84542
Longitude: -96.75559
Summary Report
Facility Report
Compliance Report
View Report

PORTACO INC
1805 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87677
View Report

Longitude: -96.75046
Summary Report
Facility Report
Compliance Report

QUICK LUBE AND TUNE
1002 1ST AVE N
MOORHEAD, MN 56560
Latitude: 46.87628
Longitude: -96.76432
Summary Report
Facility Report
Compliance Report
View Report

RALPH'S BAR & APARTMENTS
21-23 4TH STREET
SOUTH MOORHEAD, MN 56560
Latitude: 46.874327
Longitude: -96.77394
Summary Report
Facility Report
Compliance Report
View Report

RDO EQUIPMENT CO - MOORHEAD
2900 MAIN AVE SE
MOORHEAD, MN 56560
Latitude: 46.84365
Longitude: -96.7193
Summary Report
Facility Report
Compliance Report
View Report

RED RIVER ELECTRIC INC
2323 16TH AVE S STE 105 MOORHEAD, MN 565603897
Latitude: 46.85768
Longitude: -96.74378
Summary Report
Facility Report
Compliance Report
View Report

RED RIVER TRAILS INC
HWY 75 S MOORHEAD, MN 56560
Latitude: 46.82254
Longitude: -96.772858
Summary Report
Facility Report
Compliance Report
View Report

RESOURCE RECOVERY INC
1830 23RD ST S
MOORHEAD, MN 56560
Latitude: 46.85572
Longitude: -96.74445
Summary Report
Facility Report
Compliance Report
View Report

RIGELS INC
View

609 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87343
Longitude: -96.77044
Summary Report
Facility Report
Compliance Report
Report

RITA'S BEAUTY SCHOOL
17 4TH STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.87407
Longitude: -96.77416
Summary Report
Facility Report
Compliance Report
View Report

RIVER BEND INDUSTRIES
2421 16TH AVENUE SOUTH MOORHEAD, MN 56560-3806
Latitude: 46.85767
Longitude: -96.74268
Summary Report
Facility Report
Compliance Report
View Report

ROFFE CONTAINER INC
1802 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87752
Longitude: -96.75061
Summary Report
Facility Report
Compliance Report
View Report

RURAL ELECTRIC SUPPLY COOP
2420 20TH AVE SOUTH
MOORHEAD, MN 56560-5920
Latitude: 46.85532
Longitude: -96.74279
Summary Report
Facility Report
Compliance Report
View Report

SANDRA KAY DESIGNS
107 7TH ST S
MOORHEAD, MN 565602738
Latitude: 46.87324
Longitude: -96.76984
Summary Report
Facility Report
Compliance Report
View Report

SAUVAGEAUS FIRESTONE & COLLISION CENTER
2409 E HWY 10
MOORHEAD, MN 56560-2523
Latitude: 46.87521
Longitude: -96.74112
View Report

Summary Report
Facility Report
Compliance Report

SHERWIN-WILLIAMS CO
3066
3314 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.876577
Longitude: -96.726876
Summary Report
Facility Report
Compliance Report
View Report

SILBERNAGEL SERVICE CENTER
2406 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87765
Longitude: -96.74174
Summary Report
Facility Report
Compliance Report
View Report

SIMON WAREHOUSE
8 10TH STREET NORTH
MOORHEAD, MN 56560
Latitude: 46.87536
Longitude: -96.76408
Summary Report
Facility Report
Compliance Report
View Report

SIMPLOT SOILBUILDERS
2010 28TH AVE SOUTH
MOORHEAD, MN 56560
Latitude: 46.84819
Longitude: -96.74668
Summary Report
Facility Report
Compliance Report
View Report

SM ENTERPRISES INC
2104 14TH ST S
MOORHEAD, MN
565604509
Latitude: 46.854003
Longitude: -96.75744
Summary Report
Facility Report
Compliance Report
View Report

SM ENTERPRISES INC
2310 26TH ST S
MOORHEAD, MN
56560-5903
Latitude: 46.85216
Longitude: -96.73553
Summary Report
Facility Report
Compliance Report
View Report

SPORTSCAR ENGINEERING
1825 MAIN AVE
MOORHEAD, MN 56560
View Report

Latitude: 46.871489
Longitude: -96.750603
Summary Report
Facility Report
Compliance Report

STALBOERGER SIGNS
403 BROOK AVE
MOORHEAD, MN
565604906
Latitude: 46.84601
Longitude: -96.77521
Summary Report
Facility Report
Compliance Report
View Report

STATE SPECIAL WASTE FACILITY
2727 HWY 10 E
MOORHEAD, MN 56560
Latitude: 46.87533
Longitude: -96.7375
Summary Report
Facility Report
Compliance Report
View Report

STEIDL FAMILY DENTISTRY PC
523 S 8TH ST
MOORHEAD, MN
56560-3503
Latitude: 46.869049
Longitude: -96.768016
Summary Report
Facility Report
Compliance Report
View Report

STEPHENS AUTO OF MOORHEAD INC
2710 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87765
Longitude: -96.73726
Summary Report
Facility Report
Compliance Report
View Report

SULLIVANS AUTO
3224 8TH ST S
MOORHEAD, MN
565605003
Latitude: 46.84133
Longitude: -96.76722
Summary Report
Facility Report
Compliance Report
View Report

SULLIVANS AUTO
2424 2ND AVE N B
MOORHEAD, MN 56560
Latitude: 46.877041
Longitude: -96.741556
Summary Report
Facility Report
Compliance Report
View Report

SULLIVANS AUTO
1619 1ST AVE
MOORHEAD, MN 56560
Latitude: 46.876
Longitude: -96.754079
Summary Report
Facility Report
Compliance Report
View Report

SWANSON & YOUNGDALE INC - MOORHEAD
1910 26TH ST S
MOORHEAD, MN 565603846
Latitude: 46.85603
Longitude: -96.73721
Summary Report
Facility Report
Compliance Report
View Report

TARGET STORE T0658
3301 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.87539
Longitude: -96.72838
Summary Report
Facility Report
Compliance Report
View Report
View Report

TESORO WEST COAST CO-VARIOUS SEE LOCATION DESCRIPTION
MOORHEAD, MN 56560
Latitude: 46.872767
Longitude: -96.748516
Summary Report
Facility Report
Compliance Report
View Report

TIRE DEPOT INC
1813 25TH ST S
MOORHEAD, MN 56560
Latitude: 46.85636
Longitude: -96.74273
Summary Report
Facility Report
Compliance Report
View Report

TIRES PLUS MOORHEAD 18
1021 CENTER AVE
MOORHEAD, MN 565602018
Latitude: 46.87474
Longitude: -96.7632
Summary Report
Facility Report
Compliance Report
View Report

TIRES PLUS MOORHEAD 8147
3001 FRONTAGE RD SO
MOORHEAD, MN 56560-2593
View Report

Latitude: 46.87503
Longitude: -96.73308
Summary Report
Facility Report
Compliance Report

TOWN & COUNTRY FLOWERS
1301 2ND ST S
MOORHEAD, MN
565604099
Latitude: 46.86104
Longitude: -96.77684
Summary Report
Facility Report
Compliance Report
View Report

TRACTOR SUPPLY CO 296
3330 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.8772
Longitude: -96.72651
Summary Report
Facility Report
Compliance Report
View Report

TRANSPORT INC - MOORHEAD
2225 MAIN AVE S E
MOORHEAD, MN
56560-5940
Latitude: 46.85326
Longitude: -96.73168
Summary Report
Facility Report
Compliance Report
View Report

V & J REPAIR
1619 1ST AVE N
MOORHEAD, MN 56560
Latitude: 46.8756
Longitude: -96.75356
Summary Report
Facility Report
Compliance Report
View Report

VALLEY REPAIR INC
2505 16TH AVE S
MOORHEAD, MN
56560-3807
Latitude: 46.85798
Longitude: -96.74141
Summary Report
Facility Report
Compliance Report
View Report

VFW - POST 1223
2201 1ST NORTH AVENUE MOORHEAD,
MN 56560
Latitude: 46.63
Longitude: -96.7
Summary Report
Facility Report
View Report

Compliance Report

VIKING BODY SHOP
2020 7TH AVE N
MOORHEAD, MN 56560
Latitude: 46.8827
Longitude: -96.74702
Summary Report
Facility Report
Compliance Report
View Report

WALGREEN'S STORE
10187
900 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87377
Longitude: -96.76628
Summary Report
Facility Report
Compliance Report
View Report

WALGREEN'S STORE
12509
700 30TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84457
Longitude: -96.76896
Summary Report
Facility Report
Compliance Report
View Report

WARD MUSCATELL AUTO GROUP
1416 30TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84446
Longitude: -96.75692
Summary Report
Facility Report
Compliance Report
View Report

WENDT CUSTOM CABINETS & COUNTERTOPS
2720 22ND AVE S
MOORHEAD, MN 56560
Latitude: 46.85395
Longitude: -96.73546
Summary Report
Facility Report
Compliance Report
View Report

WEST PARKING LOT
16 3RD STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.874003
Longitude: -96.775293
Summary Report
Facility Report
Compliance Report
View Report

WHEELSPORTS INC
1217 HIGHWAY 231 S
MOORHEAD, MN 56560
Latitude: 46.865801
Longitude: -96.743105
View Report

Summary Report
Facility Report
Compliance Report

YOUTH EDUCATIONAL SERVICES
2215 12TH AVE S
MOORHEAD, MN 56560
Latitude: 46.8614
Longitude: -96.74571

View Report

Summary Report
Facility Report
Compliance Report

HUBERT OYE & SONS
2720 SECOND AVE. N
MOORHEAD, ND 56560
Latitude: 46.87764
Longitude: -96.73664

View Report

Summary Report
Facility Report
Compliance Report

APPENDIX J
ENVIRONMENTAL DATABASE

Sunopta Facility
4111 30th Avenue
Moorhead, MN 56560

Inquiry Number: 4474194.2s
November 23, 2015

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

4111 30TH AVENUE
MOORHEAD, MN 56560

COORDINATES

Latitude (North):	46.8429000 - 46˚ 50' 34.44''
Longitude (West):	96.7119000 - 96˚ 42' 42.84''
Universal Tranverse Mercator:	Zone 14
UTM X (Meters):	674465.8
UTM Y (Meters):	5190030.0
Elevation:	911 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5959610 SABIN, MN
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20100709, 20100823
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
4111 30TH AVENUE
MOORHEAD, MN 56560

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	EARTHWISE PROCESSORS	4111 30TH AVE S	TIER 2		TP
A2	SHEPHERD MEADOWS LOT	3006 41ST AVE S	WIMN	Higher	16, 0.003, WNW
B3	GAVILON FERTILIZER L	4141 30TH AVE S	BULK	Higher	33, 0.006, NE
C4	SHEPHERD MEADOWS LOT	3049 41ST AVE S	WIMN	Higher	52, 0.010, WSW
A5	SHEPHERD MEADOWS LOT	3013 41ST AVE S	WIMN	Higher	55, 0.010, WNW
B6	CLAY COUNTY HIGHWAY	4150 30TH AVE S	WIMN	Higher	74, 0.014, NE
C7	EVERGREEN MEADOWS 1S	3128 - 41ST AVE S	WIMN	Higher	84, 0.016, SW
D8	PACTIV	3201 41ST ST S	WIMN	Higher	314, 0.059, SW
D9	ELLIOTT TRANSPORT SY	4101 32ND AVE S	RCRA-CESQG, FINDS	Higher	339, 0.064, SSW
D10	ELLIOTT TRANSPORT SY	4101 32ND AVE S	ENF, WIMN	Higher	353, 0.067, SSW
E11	MIDWEST CONCRETE PUM	4117 32ND AVE S	WIMN	Higher	354, 0.067, South
F12	PACTIV CORP	3010 42ND ST S	RCRA-CESQG, SWRCY, FINDS, ENF, Financial...	Higher	503, 0.095, ENE
F13	PACTIV MOORHEAD	3010 42ND ST S	AST	Higher	503, 0.095, ENE
E14	ELLIOTT TRANSPORT SY	4104 32ND AVE S	WIMN	Higher	504, 0.095, South
F15	PACTIV LLC	3010 42ND ST S	WIMN	Higher	504, 0.095, ENE
F16	PACTIV CORP - SW	3010 42ND ST S	WIMN	Higher	504, 0.095, ENE
17	PIONEER HI-BRED INTE	4050 30TH AVE S	WIMN	Higher	519, 0.098, West
G18	MNDOT D4 MOORHEAD	2951 41 1/2 ST S	WIMN	Higher	593, 0.112, NE
G19	MNDOT D4 MOORHEAD	2951 41 1/2 ST S	RCRA-CESQG	Higher	636, 0.120, NE
20	BUILDING EXPANSION A	3010 42ND STREET SOU	WIMN	Higher	833, 0.158, ESE
H21	RDO EQUIPMENT CO	2900 MAIN AVE E	AST	Higher	895, 0.170, NW
H22	RDO EQUIPMENT CO	2900 MAIN AVE E	Financial Assurance, WIMN	Higher	895, 0.170, NW
H23	RDO EQUIPMENT CO - M	2900 MAIN AVE SE	RCRA-CESQG	Higher	895, 0.170, NW
I24	D & M WAREHOUSE	ADDRESS UNKNOWN	WIMN	Higher	1423, 0.270, SSE
25	UNISHIPPERS ADDITION	4225 30TH AVENUE SOU	WIMN	Higher	1448, 0.274, East
I26	MCCARA 4TH ADDITION	ADDRESS UNKNOWN	WIMN	Higher	1636, 0.310, SSE
27	11-A2-2 VILLAGE GREE	ADDRESS UNKNOWN	WIMN	Higher	1965, 0.372, WSW
28	HOLIDAY STATIONSTORE	3478 28TH AVE S	Financial Assurance, WIMN	Higher	2002, 0.379, NW
29	OPPORTUNITY SUBSTATI	ADDRESS UNKNOWN	WIMN	Higher	2271, 0.430, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
EARTHWISE PROCESSORS 4111 30TH AVE S MOORHEAD, MN 56560	TIER 2 ERC Number: 141450051	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

RCRA-SQG ..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
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
LUST ..... Leak Sites
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing
UST ..... Underground Storage Tank Database
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

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL	National Clandestine Laboratory Register
SRS	Site Remediation Section Database
CDL	Clandestine Drug Labs
MN DEL PLP	Delisted Permanent List of Priorities
US CDL	Clandestine Drug Labs

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
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
FINDS ---- Facility Index System/Facility Registry System
AGVIC ---- Agricultural Voluntary Investigation & Cleanup Listing
AIRS ---- Permit Contact List
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
MANIFEST ---- Hazardous Waste Manifest Data
MDA LIS ---- Licensing Information System Database Listing
MN LS ---- List of Sites

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---- EDR Exclusive Historic Gas Stations
EDR Hist Cleaner ---- EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELLIOTT TRANSPORT SY	***4101 32ND AVE S***	***SSW 0 - 1/8 (0.064 mi.)***	***D9***	***11***
PACTIV CORP	***3010 42ND ST S***	***ENE 0 - 1/8 (0.095 mi.)***	***F12***	***15***
MNDOT D4 MOORHEAD	2951 41 1/2 ST S	NE 0 - 1/8 (0.120 mi.)	G19	50
RDO EQUIPMENT CO - M	2900 MAIN AVE SE	NW 1/8 - 1/4 (0.170 mi.)	H23	58

State and tribal registered storage tank lists

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Minnesota Pollution Control's Aboveground Storage Tank File.

A review of the AST list, as provided by EDR, and dated 08/01/2015 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PACTIV MOORHEAD Tank Status: 3 Program Interest Id: 342458	3010 42ND ST S	ENE 0 - 1/8 (0.095 mi.)	F13	45
RDO EQUIPMENT CO Tank Status: 3 Program Interest Id: 69215453	2900 MAIN AVE E	NW 1/8 - 1/4 (0.170 mi.)	H21	51

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

A review of the SWRCY list, as provided by EDR, and dated 02/14/2013 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PACTIV CORP	***3010 42ND ST S***	***ENE 0 - 1/8 (0.095 mi.)***	***F12***	***15***

Other Ascertainable Records

BULK: Facilities that use pesticides or fertilizers. The data come from the Minnesota Department of Agriculture.

A review of the BULK list, as provided by EDR, and dated 08/10/2015 has revealed that there is 1 BULK site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GAVILON FERTILIZER L License Number: 20148688	4141 30TH AVE S	NE 0 - 1/8 (0.006 mi.)	B3	9

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 06/08/2015 has revealed that there are 21 WIMN sites within approximately 0.5 miles of the target property.

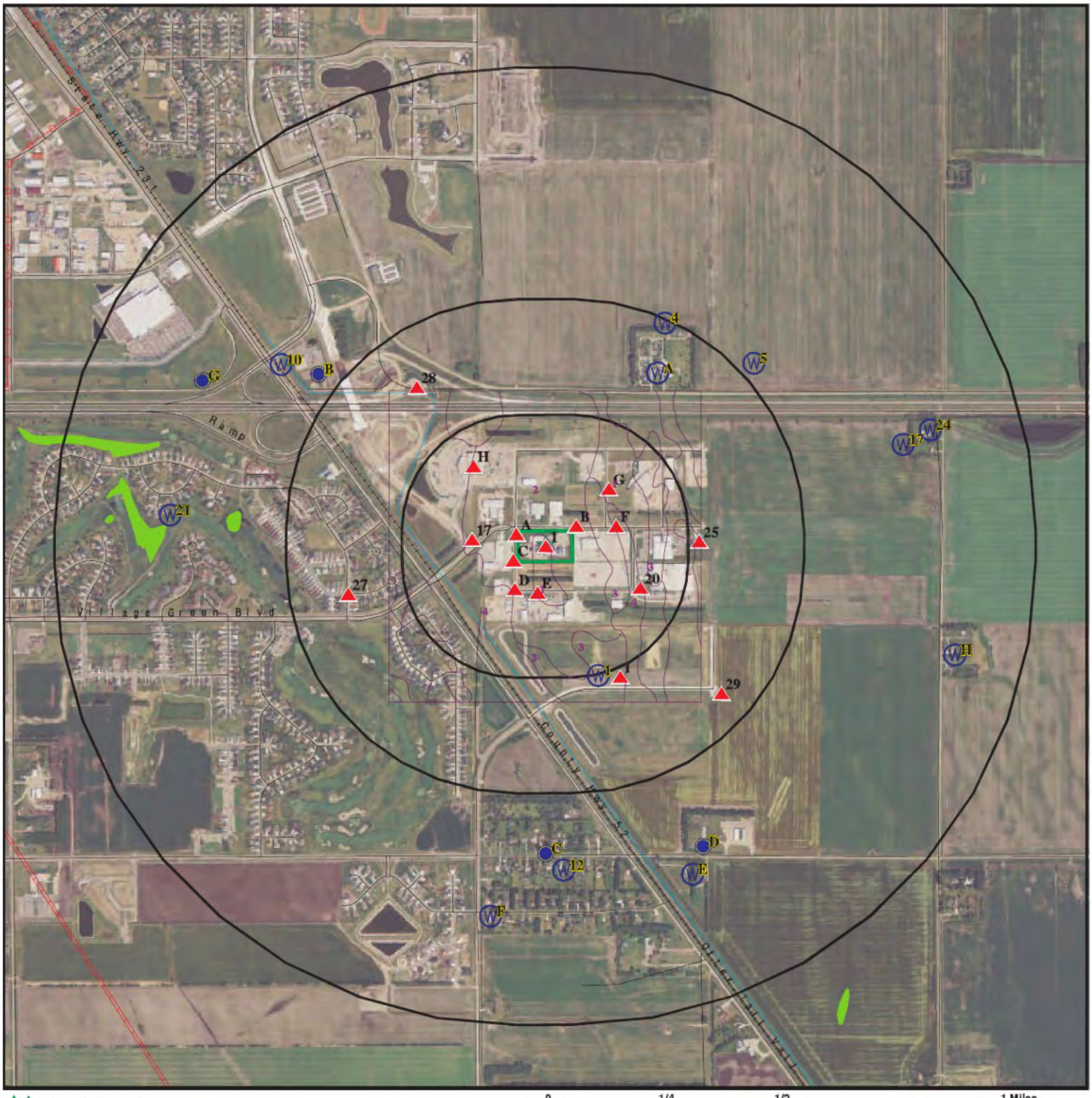
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHEPHERD MEADOWS LOT MPCA Id: SUB0035111 Status: Active	3006 41ST AVE S	WNW 0 - 1/8 (0.003 mi.)	A2	9
SHEPHERD MEADOWS LOT MPCA Id: SUB0035743 Status: Active	3049 41ST AVE S	WSW 0 - 1/8 (0.010 mi.)	C4	10
SHEPHERD MEADOWS LOT MPCA Id: SUB0035819 Status: Active	3013 41ST AVE S	WNW 0 - 1/8 (0.010 mi.)	A5	10
CLAY COUNTY HIGHWAY MPCA Id: A00015824 Status: Inactive	4150 30TH AVE S	NE 0 - 1/8 (0.014 mi.)	B6	10
EVERGREEN MEADOWS 1S MPCA Id: SUB0021031 Status: Active	3128 - 41ST AVE S	SW 0 - 1/8 (0.016 mi.)	C7	11
PACTIV MPCA Id: A00020481 Status: Inactive	3201 41ST ST S	SW 0 - 1/8 (0.059 mi.)	D8	11
ELLIOTT TRANSPORT SY MPCA Id: MNR000117275 Status: Inactive	***4101 32ND AVE S***	***SSW 0 - 1/8 (0.067 mi.)***	***D10***	***13***
MIDWEST CONCRETE PUM MPCA Id: C00015307 Status: Inactive	4117 32ND AVE S	S 0 - 1/8 (0.067 mi.)	E11	14
ELLIOTT TRANSPORT SY MPCA Id: MNR05354F Status: Inactive	4104 32ND AVE S	S 0 - 1/8 (0.095 mi.)	E14	48
PACTIV LLC MPCA Id: Multiple Activities Status: Active	3010 42ND ST S	ENE 0 - 1/8 (0.095 mi.)	F15	48
PACTIV CORP - SW	3010 42ND ST S	ENE 0 - 1/8 (0.095 mi.)	F16	49

MPCA Id: 124172 Status: Inactive				
PIONEER HI-BRED INTE MPCA Id: MNS000137612 Status: Active	4050 30TH AVE S	W 0 - 1/8 (0.098 mi.)	17	49
MNDOT D4 MOORHEAD MPCA Id: MNS000151522 Status: Active	2951 41 1/2 ST S	NE 0 - 1/8 (0.112 mi.)	G18	49
BUILDING EXPANSION A MPCA Id: C00034538 Status: Active	3010 42ND STREET SOU	ESE 1/8 - 1/4 (0.158 mi.)	20	51
RDO EQUIPMENT CO MPCA Id: 126126 Status: Active	***2900 MAIN AVE E***	***NW 1/8 - 1/4 (0.170 mi.)***	***H22***	***56***
D & M WAREHOUSE MPCA Id: C00037294 Status: Active	ADDRESS UNKNOWN	SSE 1/4 - 1/2 (0.270 mi.)	I24	60
UNISHIPPERS ADDITION MPCA Id: C00034918 Status: Active	4225 30TH AVENUE SOU	E 1/4 - 1/2 (0.274 mi.)	25	60
MCCARA 4TH ADDITION MPCA Id: C00037223 Status: Active	ADDRESS UNKNOWN	SSE 1/4 - 1/2 (0.310 mi.)	I26	60
11-A2-2 VILLAGE GREE MPCA Id: C00031845 Status: Inactive	ADDRESS UNKNOWN	WSW 1/4 - 1/2 (0.372 mi.)	27	61
HOLIDAY STATIONSTORE MPCA Id: 125553 Status: Active	***3478 28TH AVE S***	***NW 1/4 - 1/2 (0.379 mi.)***	***28***	***61***
OPPORTUNITY SUBSTATI MPCA Id: C00032898 Status: Active	ADDRESS UNKNOWN	SE 1/4 - 1/2 (0.430 mi.)	29	63

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 4474194.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 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: Sunopta Facility	CLIENT: Property Solutions, Inc.
ADDRESS: 4111 30th Avenue Moorhead MN 56560	CONTACT: Brian Gallagher INQUIRY #: 4474194.2s
LAT/LONG: 46.8429 / 96.7119	DATE: November 23, 2015 9:29 am

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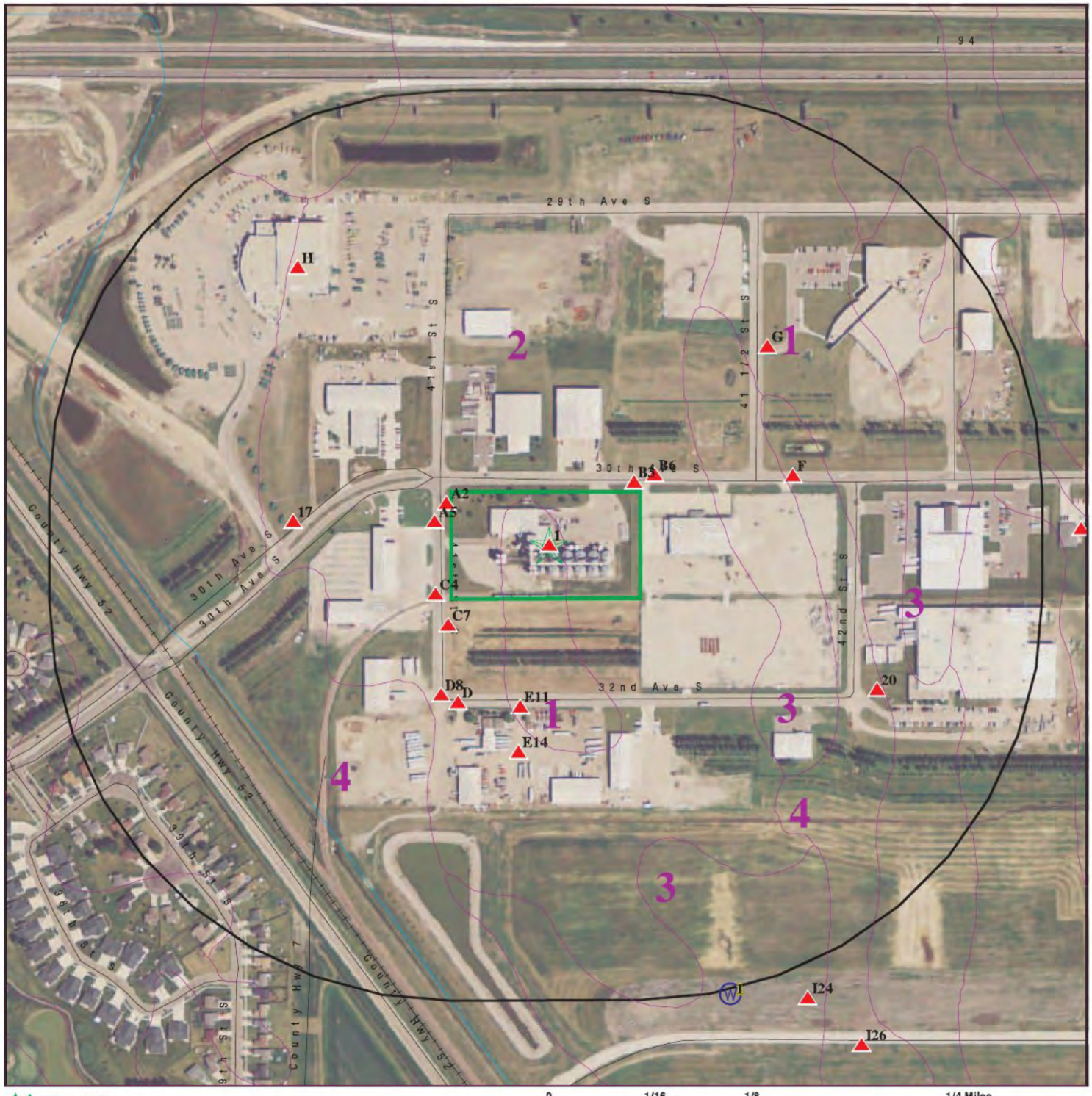
DETAIL MAP - 4474194.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

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:	Sunopta Facility	CLIENT:	Property Solutions, Inc.
ADDRESS:	4111 30th Avenue Moorhead MN 56560	CONTACT:	Brian Gallagher
		INQUIRY #:	4474194.2s
LAT/LONG:	46.8429 / 96.7119	DATE:	November 23, 2015 9:30 am

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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								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERCLIS-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		3	1	NR	NR	NR	4
Federal institutional controls / engineering controls registries								
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
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
MN PLP	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
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
State and tribal leaking storage tank lists								
LAST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	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	0	NR	NR	NR	0
AST	0.250		1	1	NR	NR	NR	2
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		1	0	0	NR	NR	1
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
SRS	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
MN DEL PLP	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
AGSPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	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
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
AGVIC	0.500		0	0	0	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
BULK	0.250		1	0	NR	NR	NR	1
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
MN HWS Permit	1.000		0	0	0	0	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
MDA LIS	0.250		0	0	NR	NR	NR	0
MN LS	0.500		0	0	0	NR	NR	0
TIER 2	TP	1	NR	NR	NR	NR	NR	1
WIMN	0.500		13	2	6	NR	NR	21
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	19	4	6	0	0	30

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
Target Property
Actual: 911 ft.

EARTHWISE PROCESSORS
4111 30TH AVE S
MOORHEAD, MN 56560

TIER 2 **S107728677**
N/A

TIER 2:

ERC Number:	141450051
Year:	2004
Facility Status:	Not reported
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
NAICS:	Not reported
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:	Not reported
Own Country:	Not reported
Site Plan:	Yes
Confidential Location:	No
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported
Facility Id:	141450051
CAS Number:	No
Chemical Id:	Not reported

EARTHWISE PROCESSORS (Continued) **S107728677**

Chemical Name:	GRAIN DUST
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	C14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported

A2
WNW
< 1/8
0.003 mi.
16 ft.

SHEPHERD MEADOWS LOT 11 BLOCK 1 **WIMN** **S113401388**
3006 41ST AVE S **N/A**
MOORHEAD, MN 56560

Site 1 of 2 in cluster A

Relative:
Higher

Actual:
911 ft.

WIMN:

Legislative District:	4A
Status:	Active
Latitude:	46.84327597
Longitude:	-96.71324816
Coordinate Collection Method:	Address Matching House Number
Activity:	CSW Site Subdivision
MPCA Id:	SUB0035111
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

B3
NE
< 1/8
0.006 mi.
33 ft.

GAVILON FERTILIZER LLC **BULK** **S113870398**
4141 30TH AVE S **N/A**
MOORHEAD, MN

Site 1 of 2 in cluster B

Relative:
Higher

Actual:
911 ft.

MN BULK:

Facility Type:	BULK PESTICIDE/FERTILIZER STORAGE PERMIT
Facility Address 2:	Not reported
Facility Phone:	--
License Number:	20148688
Relationship:	PERMIT HOLDER
Ends:	Not reported

C4
WSW
< 1/8
0.010 mi.
52 ft.

SHEPHERD MEADOWS LOT 2 BLOCK 3
3049 41ST AVE S
MOORHEAD, MN 56560

Site 1 of 2 in cluster C

Relative:
Higher

Actual:
911 ft.

WIMN **S113486168**
N/A

WIMN:

Legislative District:	04A
Status:	Active
Latitude:	46.84245705
Longitude:	-96.71339317
Coordinate Collection Method:	Address Matching House Number
Activity:	CSW Site Subdivision
MPCA Id:	SUB0035743
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

A5
WNW
< 1/8
0.010 mi.
55 ft.

SHEPHERD MEADOWS LOT 15 BLOCK 1
3013 41ST AVE S
MOORHEAD, MN 56560

Site 2 of 2 in cluster A

Relative:
Higher

Actual:
911 ft.

WIMN **S113486167**
N/A

WIMN:

Legislative District:	04A
Status:	Active
Latitude:	46.84311067
Longitude:	-96.71340494
Coordinate Collection Method:	Address Matching House Number
Activity:	CSW Site Subdivision
MPCA Id:	SUB0035819
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

B6
NE
< 1/8
0.014 mi.
74 ft.

CLAY COUNTY HIGHWAY DEPT - SW
4150 30TH AVE S
MOORHEAD, MN 56560

Site 2 of 2 in cluster B

Relative:
Higher

Actual:
911 ft.

WIMN **S110186605**
N/A

WIMN:

Legislative District:	4A
Status:	Inactive
Latitude:	46.84353320
Longitude:	-96.71052138
Coordinate Collection Method:	Address Matching House Number
Activity:	Industrial Stormwater Permit
MPCA Id:	A00015824
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

C7
SW
< 1/8
0.016 mi.
84 ft.

EVERGREEN MEADOWS 1ST STREET- LOT 2 BL 1
3128 - 41ST AVE S
MOORHEAD, MN 56560

Site 2 of 2 in cluster C

Relative:
Higher

Actual:
911 ft.

WIMN **S110430951**
N/A

WIMN:

Legislative District:	4A
Status:	Active
Latitude:	46.84217964
Longitude:	-96.71322843
Coordinate Collection Method:	Address Matching House Number
Activity:	CSW Site Subdivision
MPCA Id:	SUB0021031
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

D8
SW
< 1/8
0.059 mi.
314 ft.

PACTIV
3201 41ST ST S
MOORHEAD, MN 56560

Site 1 of 3 in cluster D

Relative:
Higher

Actual:
911 ft.

WIMN **S110697810**
N/A

WIMN:

Legislative District:	4A
Status:	Inactive
Latitude:	46.84153418
Longitude:	-96.71337217
Coordinate Collection Method:	Address Matching House Number
Activity:	Industrial Stormwater Permit
MPCA Id:	A00020481
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

D9
SSW
< 1/8
0.064 mi.
339 ft.

ELLIOTT TRANSPORT SYSTEMS INC
4101 32ND AVE S
MOORHEAD, MN 56560

Site 2 of 3 in cluster D

Relative:
Higher

Actual:
911 ft.

RCRA-CESQG **1006808946**
FINDS **MNR000117275**

RCRA-CESQG:

Date form received by agency:	04/22/2003
Facility name:	ELLIOTT TRANSPORT SYSTEMS INC
Facility address:	4101 32ND AVE S MOORHEAD, MN 56560
EPA ID:	MNR000117275
Mailing address:	PO BOX 366 MOORHEAD, MN 565610366
Contact:	KRISTI KIPPEN
Contact address:	PO BOX 366 MOORHEAD, MN 565610366
Contact country:	US
Contact telephone:	(218) 236-9220
Contact email:	Not reported
EPA Region:	05
Land type:	Private

ELLIOTT TRANSPORT SYSTEMS INC (Continued) **1006808946**

Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: ELLIOTT TRANSPORT SYSTEMS INC
Owner/operator address: PO BOX 366
MOORHEAD, MN 56561
Owner/operator country: US
Owner/operator telephone: (218) 236-9220
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/19/2003
Owner/Op end date: Not reported

Owner/operator name: JAMES E ELLIOTT
Owner/operator address: PO BOX 366
MOORHEAD, MN 56561
Owner/operator country: US
Owner/operator telephone: (218) 236-9220
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/22/2003
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: D001
. Waste name: IGNITABLE WASTE

ELLIOTT TRANSPORT SYSTEMS INC (Continued) **1006808946**

Facility Has Received Notices of Violations:
- Regulation violated: Not reported
- Area of violation: Generators - General
- Date violation determined: 03/18/2003
- Date achieved compliance: 06/18/2003
- Violation lead agency: State
  - Enforcement action: Letter of Warning (LOW)
  - Enforcement action date: 03/25/2003
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

Evaluation Action Summary:
- Evaluation date: 03/18/2003
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Generators - General
- Date achieved compliance: 06/18/2003
- Evaluation lead agency: State

FINDS:

Registry ID: 110014455598

Environmental Interest/Information System

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

MN-DELTA (Minnesota - Permitting, Compliance, And Enforcement Information Management System) facilitates the issuance of permits and manages compliance.

D10 **ELLIOTT TRANSPORT SYSTEMS INC** **ENF S106113368**
SSW **4101 32ND AVE S** **WIMN N/A**
< 1/8 **MOORHEAD, MN 56560**
0.067 mi.
353 ft. **Site 3 of 3 in cluster D**

Relative:
Higher

Actual:
911 ft.

MN Enforcement Log :
- Facility ID: MNR000117275
- Violation: 262.A - Generators - General
- Determined Date: 03/18/2003
- Determined By: State
- Responsible Agency: State
- RTC Date: 06/18/2003
- Enforcement Sequence: 001
- Effective End Date: 03/25/2003
- Enforcement Type: 121 - Letter of Warning (LOW)
- Lead Agency: State
- Sequence: 1

ELLIOTT TRANSPORT SYSTEMS INC (Continued) **S106113368**

Facility ID:	MNR000117275
Violation:	262.A - Generators - General
Determined Date:	03/18/2003
Determined By:	State
Responsible Agency:	State
RTC Date:	06/18/2003
Enforcement Sequence:	001
Effective End Date:	03/25/2003
Enforcement Type:	121 - Letter of Warning (LOW)
Lead Agency:	State
Sequence:	2

Facility ID:	MNR000117275
Violation:	262.A - Generators - General
Determined Date:	03/18/2003
Determined By:	State
Responsible Agency:	State
RTC Date:	06/18/2003
Enforcement Sequence:	001
Effective End Date:	03/25/2003
Enforcement Type:	121 - Letter of Warning (LOW)
Lead Agency:	State
Sequence:	3

WIMN:

Legislative District:	4A
Status:	Inactive
Latitude:	46.84144161
Longitude:	-96.71309567
Coordinate Collection Method:	Address Matching House Number
Activity:	Hazardous Waste, Small to Minimal QG
MPCA Id:	MNR000117275
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

E11 **MIDWEST CONCRETE PUMPING** **WIMN** **S110217352**
South **4117 32ND AVE S** **N/A**
< 1/8 **MOORHEAD, MN 56560**
0.067 mi.
354 ft. **Site 1 of 2 in cluster E**

Relative:
Higher

Actual:
911 ft.

WIMN:

Legislative District:	4A
Status:	Inactive
Latitude:	46.84144475
Longitude:	-96.71228028
Coordinate Collection Method:	Address Matching House Number
Activity:	Construction Stormwater Permit
MPCA Id:	C00015307
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

F12 **PACTIV CORP** **RCRA-CESQG** **1004726753**
ENE **3010 42ND ST S** **SWRCY** **MN0000293506**
< 1/8 **MOORHEAD, MN 56560** **FINDS**
0.095 mi. **ENF**
503 ft. **Site 1 of 4 in cluster F** **Financial Assurance**
TIER 2

Relative:
Higher

Actual:
911 ft.

RCRA-CESQG:

Date form received by agency:	01/31/2008
Facility name:	PACTIV CORP
Facility address:	3010 42ND ST S MOORHEAD, MN 56560
EPA ID:	MN0000293506
Contact:	JONATHAN NELSON
Contact address:	3010 42ND ST S MOORHEAD, MN 56560
Contact country:	US
Contact telephone:	(218) 233-5000
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	TENNECO PACKAGING
Owner/operator address:	1603 ORRINGTON AVE EVANSTON, IL 60201
Owner/operator country:	Not reported
Owner/operator telephone:	(847) 492-5713
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	PACTIV CORP
Owner/operator address:	1900 FIELD CT W LAKE FOREST, IL 60045
Owner/operator country:	US
Owner/operator telephone:	(218) 233-5000
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/28/1999
Owner/Op end date:	Not reported

PACTIV CORP (Continued) **1004726753**

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: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/13/2007
Date achieved compliance: 04/23/2007
Violation lead agency: State
Enforcement action: Letter of Warning (LOW)
Enforcement action date: 02/26/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/13/2007
Date achieved compliance: 04/23/2007
Violation lead agency: State
Enforcement action: Letter of Warning (LOW)
Enforcement action date: 02/26/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

PACTIV CORP (Continued) **1004726753**

Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/13/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/23/2007
Evaluation lead agency: State

Evaluation date: 02/13/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/23/2007
Evaluation lead agency: State

Evaluation date: 07/13/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

SWRCY:
Website: www.pactivcorp.com
Facility Phone: (218) 233-5000 phone
Facility Fax: (218) 233-8933 fax

FINDS:

Registry ID: 110003729494

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

MN-DELTA (Minnesota - Permitting, Compliance, And Enforcement Information Management System) facilitates the issuance of permits and manages compliance.

MN Enforcement Log :
Facility ID: MN0000293506
Violation: 262.C - Generators - Pre-transport
Determined Date: 02/13/2007
Determined By: State
Responsible Agency: State
RTC Date: 04/23/2007
Enforcement Sequence: 001
Effective End Date: 02/26/2007
Enforcement Type: 121 - Letter of Warning (LOW)
Lead Agency: State
Sequence: 7

PACTIV CORP (Continued) **1004726753**

Facility ID: MN0000293506
Violation: 262.A - Generators - General
Determined Date: 02/13/2007
Determined By: State
Responsible Agency: State
RTC Date: 04/23/2007
Enforcement Sequence: 001
Effective End Date: 02/26/2007
Enforcement Type: 121 - Letter of Warning (LOW)
Lead Agency: State
Sequence: 8

Facility ID: MN0000293506
Violation: 262.A - Generators - General
Determined Date: 02/13/2007
Determined By: State
Responsible Agency: State
RTC Date: 04/23/2007
Enforcement Sequence: 001
Effective End Date: 02/26/2007
Enforcement Type: 121 - Letter of Warning (LOW)
Lead Agency: State
Sequence: 9

Facility ID: MN0000293506
Violation: 262.A - Generators - General
Determined Date: 02/13/2007
Determined By: State
Responsible Agency: State
RTC Date: 04/23/2007
Enforcement Sequence: 001
Effective End Date: 02/26/2007
Enforcement Type: 121 - Letter of Warning (LOW)
Lead Agency: State
Sequence: 10

MN Financial Assurance 1:
PROGRAM ID: 342458
Township Name: Not reported
Region: 1
Interest Type: Tank site
ADDR ID: 19721
Interest Telephone: NO CORE PI PH.
Preferred ID: 124172
Interest Start Date: 01/06/2006
Interest End Date: 09/15/2006
Activity Flag: N
TMSP Added: 09/15/2006
TMSP Last Update: 11/10/2014 08:17:05
Staff ID Last Update: RGAGLE
Source: CORE
Source ID: 151032
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 027
Comments: Not reported

PACTIV CORP (Continued) **1004726753**

PROGRAM ID:	342458
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	459774
Interest Telephone:	2182335000
Preferred ID:	124172
Interest Start Date:	01/06/2006
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	01/06/2006
TMSP Last Update:	09/15/2006 08:53:38
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0
Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	027
Comments:	Not reported

Latitude Longitude:

Program Id:	342458
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:	01/20/2012 09:59:07
TMSP Last Update:	01/20/2012 09:59:07
Staff ID Last Update:	JHENRY
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	151032
Spatial ID:	51439341

Program Id:	342458
Lat/Long ID:	117744
Latitude Degrees:	46
Latitude Minutes:	50
Latitude Seconds:	18.9
Longitude Degrees:	-96
Longitude Minutes:	42
Longitude Seconds:	6.97
Collection Date:	03/19/2010 18:15:27
Lat/Long Description:	Not reported
TMSP Added:	10/12/2005 14:28:38
TMSP Last Update:	03/19/2010 18:40:49
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2

PACTIV CORP (Continued) **1004726753**

Org Name Source:	Beth Brown
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	151032
Spatial ID:	51439341

Tab Site:

Program Id:	342458
Facility Code:	19
Above or Under Code:	1
Indian Reservation:	N
Ust Registration Date:	Not reported
Ast Registration Date:	12/19/2005 00:00:00
TMSP Added:	01/06/2006 15:06:06
TMSP Last Update:	05/05/2006 06:53:32
Staff ID Last Update:	RSUCHAN
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	Not reported
Vapor Notif Required:	Not reported

TIER 2:

ERC Number:	141450061
Year:	2004
Facility Status:	Not reported
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
NAICS:	Not reported
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

PACTIV CORP (Continued) **1004726753**

TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	Not reported
Own Country:	Not reported
Site Plan:	Yes
Confidential Location:	No
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

ERC Number:	1796
Year:	2005
Facility Status:	ACTIVE
Facility Phone:	2182335000
Facility Email:	GWASCHUK@PACTIV.COM
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC Code:	2679
NAICS:	Not reported
Dunn Brad Num:	Not reported
Owner Name:	PACTIV CORP
Owner Phone:	8474822675
Owner Address:	1900 WEST FIELD COURT
Owner City:	LAKE FOREST
Owner State:	IL
Owner Zip:	60045
Mailing Name:	PACTIV CORP
Mailing Street:	3010 42ND ST S
Mailing PO BOX:	Not reported
Mailing City/State/Zip:	MOORHEAD, MN 56560
Mailing Attn:	JONATHAN NELSON
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Jonathan Nelson
Title:	Operations Manager
Signed Date:	2006-02-20
Attach Site Plan:	No
Attach Coord Abbr:	No
Attach Safeguard Info:	No
Attach ERP:	No
Hardcopy Attachments:	No
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

PACTIV CORP (Continued) **1004726753**

VZone Secondary:	Not reported
Modified Date:	2006-02-20
FIPS County:	27014
Latitude/Longitude:	46.8440017700195/96.7070007324219
User Name:	pactivmhd
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	141450061
Own Country:	US
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported

Facility Id:	141450061
CAS Number:	74-98-6
Chemical Id:	Not reported
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	A24
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported

Facility Id:	141450061
CAS Number:	64742616
Chemical Id:	Not reported
Chemical Name:	FULLY REFINED PARAFFIN WAX
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	O14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported

PACTIV CORP (Continued) **1004726753**

Is Storage Confidential Location:	Not reported
Remark:	Not reported

Facility Id:	141450061
CAS Number:	10043013
Chemical Id:	Not reported
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	C14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported

Facility Id:	1796
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported

Facility Id:	1796
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported

PACTIV CORP (Continued) **1004726753**

Is Storage Confidential Location: Not reported
Remark: Not reported

Facility Id: 1796
CAS Number: 74986
Chemical Id: 15348
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)
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: 04
Avg Daily Amt Code: 04
Storage Container Type: A
Storage Pressure Class: 2
Storage Temperature Class: 4
Storage Location: OUTSIDE, EAST SIDE OF PLANT
Is Storage Confidential Location: No
Remark: Not reported

Chemicals:
Facility Id: 1796
Chemical Desc ID: 15348
CAS No: 74986
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name: Not reported
Trade Secret: No
Pure: Yes
Mixture: No
Solid: No
Liquid: No
Gas: Yes
Extremely Haz Substance: No
Fire: Yes
Pressure: Yes
Reactivity: No
Delayed Health Affects: No
Immediate Health Affects: Yes
Max Daily Amt: 04
Avg Daily Amt: 04
Onsite Days: 365
Max Daily Amt Exact: 22979
Avg Daily Amt Exact: 22767
Modified Date: Not reported
VZone Primary: No
VZone Secondary: No
EHS More Than TPQ: No
MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 15348
Storage Container Type: A
Storage Pressure: 2
Storage Temp: 4
Storage Location: OUTSIDE, EAST SIDE OF PLANT

PACTIV CORP (Continued) **1004726753**

Storage ID: 76746
Storage Confidential: No

Storage Chem Desc ID: 15348
Storage Container Type: L
Storage Pressure: 2
Storage Temp: 4
Storage Location: OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID: 158693
Storage Confidential: No

Storage Chem Desc ID: 15348
Storage Container Type: L
Storage Pressure: 2
Storage Temp: 4
Storage Location: OUTSIDE, WEST SIDE OF PLANT
Storage ID: 158692
Storage Confidential: No

Facility Id: 1796
CAS Number: 10043013
Chemical Id: 24462
Chemical Name: ALUMINUM SULFATE
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: 04
Avg Daily Amt Code: 04
Storage Container Type: C
Storage Pressure Class: 1
Storage Temperature Class: 4
Storage Location: INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location: No
Remark: Not reported

Chemicals:
Facility Id: 1796
Chemical Desc ID: 24462
CAS No: 10043013
Chemical Name: ALUMINUM SULFATE
EHS Name: Not reported
Trade Secret: No
Pure: No
Mixture: Yes
Solid: No
Liquid: Yes
Gas: No
Extremely Haz Substance: No
Fire: No
Pressure: No
Reactivity: No
Delayed Health Affects: No
Immediate Health Affects: Yes

PACTIV CORP (Continued) **1004726753**

Max Daily Amt: 04
Avg Daily Amt: 04
Onsite Days: 365
Max Daily Amt Exact: 71975
Avg Daily Amt Exact: 39863
Modified Date: Not reported
VZone Primary: No
VZone Secondary: No
EHS More Than TPQ: No
MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 24462
Storage Container Type: C
Storage Pressure: 1
Storage Temp: 4
Storage Location: INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID: 122316
Storage Confidential: No

Facility Id: 1796
CAS Number: 74986
Chemical Id: 15348
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)
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: 04
Avg Daily Amt Code: 04
Storage Container Type: L
Storage Pressure Class: 2
Storage Temperature Class: 4
Storage Location: OUTSIDE, WEST SIDE OF PLANT
Is Storage Confidential Location: No
Remark: Not reported

Chemicals:
Facility Id: 1796
Chemical Desc ID: 15348
CAS No: 74986
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name: Not reported
Trade Secret: No
Pure: Yes
Mixture: No
Solid: No
Liquid: No
Gas: Yes
Extremely Haz Substance: No
Fire: Yes
Pressure: Yes
Reactivity: No
Delayed Health Affects: No

PACTIV CORP (Continued) **1004726753**

Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979
Avg Daily Amt Exact:	22767
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15348
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
Storage ID:	76746
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID:	158693
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
Storage ID:	158692
Storage Confidential:	No

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
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:	04
Avg Daily Amt Code:	04
Storage Container Type:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

PACTIV CORP (Continued) **1004726753**

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

Facility Id:	1796
CAS Number:	74986
Chemical Id:	15348
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
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:	04
Avg Daily Amt Code:	04
Storage Container Type:	L
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Is Storage Confidential Location:	No
Remark:	Not reported

PACTIV CORP (Continued) **1004726753**

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15348
CAS No:	74986
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	No
Gas:	Yes
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979
Avg Daily Amt Exact:	22767
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15348
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
Storage ID:	76746
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID:	158693
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
Storage ID:	158692
Storage Confidential:	No

Facility Id:	1796

PACTIV CORP (Continued) **1004726753**

CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	WAX EMULSION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

PACTIV CORP (Continued) **1004726753**

Facility Id:	1796
CAS Number:	74986
Chemical Id:	15348
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
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:	OUTSIDE, EAST SIDE OF PLANT
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15348
CAS No:	74986
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	No
Gas:	Yes
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979
Avg Daily Amt Exact:	22767
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15348
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
Storage ID:	76746
Storage Confidential:	No

Storage Chem Desc ID:	15348

PACTIV CORP (Continued) **1004726753**

Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID:	158693
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
Storage ID:	158692
Storage Confidential:	No

Facility Id:	1796
CAS Number:	74986
Chemical Id:	15348
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
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:	L
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15348
CAS No:	74986
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	No
Gas:	Yes
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979

PACTIV CORP (Continued) **1004726753**

Avg Daily Amt Exact: 22767
Modified Date: Not reported
VZone Primary: No
VZone Secondary: No
EHS More Than TPQ: No
MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 15348
Storage Container Type: A
Storage Pressure: 2
Storage Temp: 4
Storage Location: OUTSIDE, EAST SIDE OF PLANT
Storage ID: 76746
Storage Confidential: No

Storage Chem Desc ID: 15348
Storage Container Type: L
Storage Pressure: 2
Storage Temp: 4
Storage Location: OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID: 158693
Storage Confidential: No

Storage Chem Desc ID: 15348
Storage Container Type: L
Storage Pressure: 2
Storage Temp: 4
Storage Location: OUTSIDE, WEST SIDE OF PLANT
Storage ID: 158692
Storage Confidential: No

Facility Id: 1796
CAS Number: 74986
Chemical Id: 15348
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)
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: L
Storage Pressure Class: 2
Storage Temperature Class: 4
Storage Location: OUTSIDE, WEST SIDE OF PLANT
Is Storage Confidential Location: No
Remark: Not reported

Chemicals:
Facility Id: 1796
Chemical Desc ID: 15348
CAS No: 74986
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)

PACTIV CORP (Continued) **1004726753**

EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	No
Gas:	Yes
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979
Avg Daily Amt Exact:	22767
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15348
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
Storage ID:	76746
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID:	158693
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
Storage ID:	158692
Storage Confidential:	No

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	24462
Chemical Name:	ALUMINUM SULFATE SOLUTION
EHS Name:	Not reported
Is EHS:	No
Is EHS More than TPQ:	No

PACTIV CORP (Continued) **1004726753**

Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	4
Avg Daily Amt Code:	4
Storage Container Type:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	24462
CAS No:	10043013
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	71975
Avg Daily Amt Exact:	39863
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	24462
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	122316
Storage Confidential:	No

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	WAX EMULSION
EHS Name:	Not reported
Is EHS:	No

PACTIV CORP (Continued) **1004726753**

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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	24462
Chemical Name:	ALUMINUM SULFATE SOLUTION
EHS Name:	Not reported

PACTIV CORP (Continued) **1004726753**

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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	24462
CAS No:	10043013
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	71975
Avg Daily Amt Exact:	39863
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	24462
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	122316
Storage Confidential:	No

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	24462
Chemical Name:	ALUMINUM SULFATE SOLUTION

PACTIV CORP (Continued) **1004726753**

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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	24462
CAS No:	10043013
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	71975
Avg Daily Amt Exact:	39863
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	24462
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	122316
Storage Confidential:	No

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	15408

PACTIV CORP (Continued) **1004726753**

Chemical Name:	WAX EMULSION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

Facility Id:	1796
CAS Number:	10043013

PACTIV CORP (Continued) **1004726753**

Chemical Id:	24462
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	24462
CAS No:	10043013
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	71975
Avg Daily Amt Exact:	39863
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	24462
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	122316
Storage Confidential:	No

Facility Id:	1796

PACTIV CORP (Continued) **1004726753**

CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	WAX EMULSION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

PACTIV CORP (Continued) **1004726753**

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	WAX EMULSION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

PACTIV CORP (Continued) **1004726753**

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	24462
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported

Chemicals:

Facility Id:	1796
Chemical Desc ID:	24462
CAS No:	10043013
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	71975
Avg Daily Amt Exact:	39863
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	24462
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	122316
Storage Confidential:	No

PACTIV CORP (Continued) **1004726753**

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	Not reported
Chemical Name:	WAX EMULSION
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:	8
Avg Daily Amt Code:	7
Storage Container Type:	Tank inside building
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	Not reported
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	8
Avg Daily Amt Code:	7
Storage Container Type:	Tank inside building
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	Not reported
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	8
Avg Daily Amt Code:	7
Storage Container Type:	Tank inside building
Storage Pressure Class:	Ambient pressure
Storage Temperature Class:	Ambient temperature
Storage Location:	Not reported
Is Storage Confidential Location:	No
Remark:	Not reported

PACTIV CORP (Continued) **1004726753**

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21 additional MN_TIER2: record(s) in the EDR Site Report.

Contact:
Contact ID: 3592
Contact Type: T2EC
Contact Name: GRANT WASC
Contact Title: TECHNICAL
Sort Order: 1

Contact:
Contact ID: 3593
Contact Type: T2EC
Contact Name: JONATHAN N
Contact Title: OPERATIONS
Sort Order: 2

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21 additional MN_TIER2: record(s) in the EDR Site Report.

F13 **PACTIV MOORHEAD** **AST** **A100289584**
ENE **3010 42ND ST S** **N/A**
< 1/8 **MOORHEAD, MN 56560**
0.095 mi.
503 ft. **Site 2 of 4 in cluster F**

Relative:
Higher

Actual:
911 ft.

AST:

Tank:
MPCA Tank Number: 1001
Tank Registration Date: 12/19/2005 00:00:00
Tank Dual Use: N
Tank Storage Capacity: 7000
Tank Status: Active
Tank Stored Product: Other Substance
Tank Construction Material: PVC/Fiberglass/Synth/Rubber
Tank Cathodic Protection: Not reported
Piping Cathodic Protection: Not reported
Piping Material: Fiberglass/PVC/Syn./Rubber
Secondary Containment Tank: Not reported
Second Contain Pipe: Not reported
Tank Dispenser: Not reported
Above/Under Ground: Above Ground
Serial Number: Not reported
Date Added: 01/06/2006 15:07:54
Date Last Updated: 01/20/2012 10:07:56
AST Base Material: Concrete Slab
Piping Material Desc: Not reported
Unregulated Tank Registration Date: Not reported
Heating Product Flag: Not reported
HazWaste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Staff Id Who Did The Last Update: JHENRY
In Compliance: Yes

PACTIV MOORHEAD (Continued) **A100289584**

Tank Action:

MPCA Tank Number:	1001
Above Or Underground:	Above Ground
Tank Action ID:	899641
Contractor Number:	Not reported
Supervisor Number:	Not reported
Tank Action:	Install Tank
Action Date:	06/01/1999 00:00:00
Action Date Unknown:	Not reported
Corrosion Expert Name:	Not reported
Lab Flag:	Not reported
Date Added:	01/06/2006 15:08:41
Date Last Updated:	01/06/2006 15:08:41
Staff Id Who Did The Last Update:	JHENRY

Tank Compartment:

MPCA Tank Number:	1001
Above Or Underground:	Above Ground
Compartment Number:	1
Tank Stored Product Code:	21
Tank Stored Product Desc:	wax emulsion
Compartment Cap:	7000
Heating:	No
Other Desc:	Not reported
Date Added:	01/06/2006 15:07:54
Date Last Updated:	01/20/2012 10:04:48
Staff Id Who Did The Last Update:	JHENRY

Tank:

MPCA Tank Number:	1002
Tank Registration Date:	12/19/2005 00:00:00
Tank Dual Use:	N
Tank Storage Capacity:	6000
Tank Status:	Active
Tank Stored Product:	Chemical Other Or Unspecified
Tank Construction Material:	PVC/Fiberglass/Synth/Rubber
Tank Cathodic Protection:	Not reported
Piping Cathodic Protection:	Not reported
Piping Material:	Steel/Iron
Secondary Containment Tank:	Not reported
Second Contain Pipe:	Not reported
Tank Dispenser:	Not reported
Above/Under Ground:	Above Ground
Serial Number:	Not reported
Date Added:	01/06/2006 15:12:44
Date Last Updated:	01/20/2012 10:07:33
AST Base Material:	Concrete Slab
Piping Material Desc:	Not reported
Unregulated Tank Registration Date:	Not reported
Heating Product Flag:	Not reported
HazWaste Generator Id:	Not reported
Product Replaced Date:	Not reported
Sludge Disposal Facility:	Not reported
Comments:	Not reported
Staff Id Who Did The Last Update:	JHENRY

PACTIV MOORHEAD (Continued) **A100289584**

In Compliance: Yes

Tank Action:
- MPCA Tank Number: 1002
- Above Or Underground: Above Ground
- Tank Action ID: 899642
- Contractor Number: Not reported
- Supervisor Number: Not reported
- Tank Action: Install Tank
- Action Date: 06/01/1993 00:00:00
- Action Date Unknown: Not reported
- Corrosion Expert Name: Not reported
- Lab Flag: Not reported
- Date Added: 01/06/2006 15:23:02
- Date Last Updated: 01/06/2006 15:23:02
- Staff Id Who Did The Last Update: JHENRY

Tank Compartment:
- MPCA Tank Number: 1002
- Above Or Underground: Above Ground
- Compartment Number: 1
- Tank Stored Product Code: 7
- Tank Stored Product Desc: aluminum sulfate
- Compartment Cap: 6000
- Heating: No
- Other Desc: Not reported
- Date Added: 01/06/2006 15:12:44
- Date Last Updated: 01/20/2012 10:06:36
- Staff Id Who Did The Last Update: JHENRY

Tabsite:
- Program Interest Id: 342458
- Above Or Underground: Above Ground
- Facility Code: 19
- Indian Reservation: No
- UST Registration Date: Not reported
- AST Registration Date: 12/19/2005 00:00:00
- Date Added: 01/06/2006 15:06:06
- Date Last Updated: 05/05/2006 06:53:32
- Staff Id Who Did The Last Update: RSUCHAN
- Max Monthly Gallons: Not reported
- Vapor Recovery Installed: Not reported
- Vapor Notify Required: Not reported

Lat Long:
- Program Id: 342458
- Latlong 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
- LatLong Description: Not reported

PACTIV MOORHEAD (Continued) **A100289584**

TMSP Added:	01/20/2012 09:59:07
Date Last Updated:	01/20/2012 09:59:07
Staff Id Last Updated:	JHENRY
Coord Source Type:	Not reported
Org Name Source:	Not reported
Program Id:	342458
Latlong ID:	117744
Latitude Degrees:	46
Latitude Minutes:	50
Latitude Seconds:	18.9
Longitude Degrees:	-96
Longitude Minutes:	42
Longitude Seconds:	6.97
Collection Date:	03/19/2010 18:15:27
LatLong Description:	Not reported
TMSP Added:	10/12/2005 14:28:38
Date Last Updated:	03/19/2010 18:40:49
Staff Id Last Updated:	MAPT_NC
Coord Source Type:	2
Org Name Source:	Beth Brown

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E14 **ELLIOTT TRANSPORT SYSTEMS** **WIMN** **S110594751**
South **4104 32ND AVE S** **N/A**
< 1/8 **MOORHEAD, MN 56561**
0.095 mi.
504 ft. **Site 2 of 2 in cluster E**

Relative: WIMN:
Higher

Legislative District:	4A
Status:	Inactive
Actual: Latitude:	46.84103600
911 ft. Longitude:	-96.71230552
Coordinate Collection Method:	Digitized - Permit Application Map
Activity:	Industrial Stormwater Permit
MPCA Id:	MNR05354F
Major Watershed:	Upper Red River of the North

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F15 **PACTIV LLC** **WIMN** **S113485956**
ENE **3010 42ND ST S** **N/A**
< 1/8 **MOORHEAD, MN 56560**
0.095 mi.
504 ft. **Site 3 of 4 in cluster F**

Relative: WIMN:
Higher

Legislative District:	4A
Status:	Active
Actual: Latitude:	46.84352523
911 ft. Longitude:	-96.70870576
Coordinate Collection Method:	Address Matching House Number
Activity:	Multiple Activities

PACTIV LLC (Continued) **S113485956**

MPCA Id: Multiple Activities
Major Watershed: Upper Red River of the North

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F16
ENE
< 1/8
0.095 mi.
504 ft.

PACTIV CORP - SW
3010 42ND ST S
MOORHEAD, MN 56560

Site 4 of 4 in cluster F

Relative:
Higher

Actual:
911 ft.

WIMN **WIMN** **S109685597** **N/A**

WIMN:
Legislative District: 4A
Status: Inactive
Latitude: 46.84352523
Longitude: -96.70870576
Coordinate Collection Method: Address Matching House Number
Activity: Tank Site
MPCA Id: 124172
Major Watershed: Upper Red River of the North

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17
West
< 1/8
0.098 mi.
519 ft.

PIONEER HI-BRED INTERNATIONAL INC
4050 30TH AVE S
MOORHEAD, MN 56560

Relative:
Higher

Actual:
911 ft.

WIMN **S110438750** **N/A**

WIMN:
Legislative District: 4A
Status: Active
Latitude: 46.84311315
Longitude: -96.71525757
Coordinate Collection Method: Address Matching House Number
Activity: Hazardous Waste, Small to Minimal QG
MPCA Id: MNS000137612
Major Watershed: Upper Red River of the North

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G18
NE
< 1/8
0.112 mi.
593 ft.

MNDOT D4 MOORHEAD
2951 41 1/2 ST S
MOORHEAD, MN 56560

Site 1 of 2 in cluster G

Relative:
Higher

Actual:
911 ft.

WIMN **S110436969** **N/A**

WIMN:
Legislative District: 4A
Status: Active
Latitude: 46.84466162
Longitude: -96.70925212
Coordinate Collection Method: Address Matching House Number
Activity: Hazardous Waste, Small to Minimal QG
MPCA Id: MNS000151522

MNDOT D4 MOORHEAD (Continued) **S110436969**

Major Watershed: Upper Red River of the North

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G19 **MNDOT D4 MOORHEAD** **RCRA-CESQG** **1012211449**
NE **2951 41 1/2 ST S** **MNS000151522**
< 1/8 **MOORHEAD, MN 56560**
0.120 mi.
636 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
911 ft.

RCRA-CESQG:
Date form received by agency: 12/30/2009
Facility name: MNDOT D4 MOORHEAD
Facility address: 2951 41 1/2 ST S
MOORHEAD, MN 56560
EPA ID: MNS000151522
Mailing address: 1000 HIGHWAY 10 W
DETROIT LAKES, MN 56501
Contact: ERIC NESS
Contact address: 1000 HIGHWAY 10 W
DETROIT LAKES, MN 56501
Contact country: US
Contact telephone: (218) 846-3637
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: MNDOT CENTRAL OFFICE
Owner/operator address: 395 JOHN IRELAND BLVD
ST. PAUL, MN 55155
Owner/operator country: US
Owner/operator telephone: (218) 846-3637
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 12/31/2009
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

MNDOT D4 MOORHEAD (Continued) **1012211449**

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

Violation Status: No violations found

---

20 ESE 1/8-1/4 0.158 mi. 833 ft. **BUILDING EXPANSION AND PARKING LOT** **WIMN S112190336**
3010 42ND STREET SOUTH **N/A**
MOORHEAD, MN 56560

Relative: Higher

Actual: 911 ft.

WIMN:

Legislative District:	4A
Status:	Active
Latitude:	46.8416
Longitude:	-96.70760002
Coordinate Collection Method:	Digitized-DOQ
Activity:	Construction Stormwater Permit
MPCA Id:	C00034538
Major Watershed:	Upper Red River of the North

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H21 NW 1/8-1/4 0.170 mi. 895 ft. **RDO EQUIPMENT CO** **AST A100393492**
2900 MAIN AVE E **N/A**
MOORHEAD, MN 56560

Site 1 of 3 in cluster H

Relative: Higher

Actual: 911 ft.

AST:

Tank:

MPCA Tank Number:	'1
Tank Registration Date:	06/23/2014 00:00:00
Tank Dual Use:	N
Tank Storage Capacity:	1000
Tank Status:	Active
Tank Stored Product:	Lube Oil
Tank Construction Material:	Metal
Tank Cathodic Protection:	Draining ConcretePad
Piping Cathodic Protection:	Not reported
Piping Material:	Steel/Iron
Secondary Containment Tank:	Not reported
Second Contain Pipe:	Not reported
Tank Dispenser:	Not reported
Above/Under Ground:	Above Ground
Serial Number:	Not reported
Date Added:	07/11/2014 10:22:03
Date Last Updated:	07/14/2014 10:24:45

RDO EQUIPMENT CO (Continued) **A100393492**

AST Base Material:	Concrete Slab
Piping Material Desc:	Not reported
Unregulated Tank Registration Date:	Not reported
Heating Product Flag:	Not reported
HazWaste Generator Id:	Not reported
Product Replaced Date:	Not reported
Sludge Disposal Facility:	Not reported
Comments:	Not reported
Staff Id Who Did The Last Update:	JHENRY
In Compliance:	Yes

Tank Action:

MPCA Tank Number:	'1
Above Or Underground:	Above Ground
Tank Action ID:	1029483
Contractor Number:	Not reported
Supervisor Number:	Not reported
Tank Action:	Install Tank
Action Date:	02/01/2006 00:00:00
Action Date Unknown:	Not reported
Corrosion Expert Name:	Not reported
Lab Flag:	Not reported
Date Added:	07/11/2014 10:23:10
Date Last Updated:	07/11/2014 10:23:10
Staff Id Who Did The Last Update:	JHENRY

Tank Compartment:

MPCA Tank Number:	'1
Above Or Underground:	Above Ground
Compartment Number:	1
Tank Stored Product Code:	17
Tank Stored Product Desc:	Not reported
Compartment Cap:	1000
Heating:	No
Other Desc:	Not reported
Date Added:	07/11/2014 10:22:03
Date Last Updated:	07/11/2014 10:22:03
Staff Id Who Did The Last Update:	JHENRY

Tank:

MPCA Tank Number:	'2
Tank Registration Date:	06/23/2014 00:00:00
Tank Dual Use:	N
Tank Storage Capacity:	1500
Tank Status:	Active
Tank Stored Product:	Lube Oil
Tank Construction Material:	Metal
Tank Cathodic Protection:	Draining ConcretePad
Piping Cathodic Protection:	Not reported
Piping Material:	Steel/Iron
Secondary Containment Tank:	Not reported
Second Contain Pipe:	Not reported
Tank Dispenser:	Not reported
Above/Under Ground:	Above Ground
Serial Number:	Not reported
Date Added:	07/14/2014 10:25:39

RDO EQUIPMENT CO (Continued) **A100393492**

Date Last Updated:	07/14/2014 10:26:46
AST Base Material:	Concrete Slab
Piping Material Desc:	Not reported
Unregulated Tank Registration Date:	Not reported
Heating Product Flag:	Not reported
HazWaste Generator Id:	Not reported
Product Replaced Date:	Not reported
Sludge Disposal Facility:	Not reported
Comments:	Not reported
Staff Id Who Did The Last Update:	JHENRY
In Compliance:	Yes

Tank Action:

MPCA Tank Number:	'2
Above Or Underground:	Above Ground
Tank Action ID:	1029639
Contractor Number:	Not reported
Supervisor Number:	Not reported
Tank Action:	Install Tank
Action Date:	02/01/2006 00:00:00
Action Date Unknown:	Not reported
Corrosion Expert Name:	Not reported
Lab Flag:	Not reported
Date Added:	07/14/2014 10:26:46
Date Last Updated:	07/14/2014 10:26:46
Staff Id Who Did The Last Update:	JHENRY

Tank Compartment:

MPCA Tank Number:	'2
Above Or Underground:	Above Ground
Compartment Number:	1
Tank Stored Product Code:	17
Tank Stored Product Desc:	Not reported
Compartment Cap:	1500
Heating:	No
Other Desc:	Not reported
Date Added:	07/14/2014 10:25:39
Date Last Updated:	07/14/2014 10:25:39
Staff Id Who Did The Last Update:	JHENRY

Tank:

MPCA Tank Number:	'3
Tank Registration Date:	06/23/2014 00:00:00
Tank Dual Use:	N
Tank Storage Capacity:	560
Tank Status:	Active
Tank Stored Product:	Diesel
Tank Construction Material:	Metal
Tank Cathodic Protection:	Draining ConcretePad
Piping Cathodic Protection:	Not reported
Piping Material:	Steel/Iron
Secondary Containment Tank:	Not reported
Second Contain Pipe:	Not reported
Tank Dispenser:	Not reported
Above/Under Ground:	Above Ground
Serial Number:	Not reported

RDO EQUIPMENT CO (Continued) **A100393492**

Date Added:	07/14/2014 10:27:22
Date Last Updated:	07/14/2014 10:31:04
AST Base Material:	Concrete Slab
Piping Material Desc:	Not reported
Unregulated Tank Registration Date:	Not reported
Heating Product Flag:	Not reported
HazWaste Generator Id:	Not reported
Product Replaced Date:	Not reported
Sludge Disposal Facility:	Not reported
Comments:	Not reported
Staff Id Who Did The Last Update:	JHENRY
In Compliance:	Yes

Tank Action:

MPCA Tank Number:	'3
Above Or Underground:	Above Ground
Tank Action ID:	1029640
Contractor Number:	Not reported
Supervisor Number:	Not reported
Tank Action:	Install Tank
Action Date:	12/01/2005 00:00:00
Action Date Unknown:	Not reported
Corrosion Expert Name:	Not reported
Lab Flag:	Not reported
Date Added:	07/14/2014 10:28:35
Date Last Updated:	07/14/2014 10:28:35
Staff Id Who Did The Last Update:	JHENRY

Tank Compartment:

MPCA Tank Number:	'3
Above Or Underground:	Above Ground
Compartment Number:	1
Tank Stored Product Code:	10
Tank Stored Product Desc:	Not reported
Compartment Cap:	560
Heating:	No
Other Desc:	Not reported
Date Added:	07/14/2014 10:27:22
Date Last Updated:	07/14/2014 10:27:22
Staff Id Who Did The Last Update:	JHENRY

Tank:

MPCA Tank Number:	'4
Tank Registration Date:	06/23/2014 00:00:00
Tank Dual Use:	N
Tank Storage Capacity:	2000
Tank Status:	Active
Tank Stored Product:	Used Or Waste Oil
Tank Construction Material:	Doublewall Metal
Tank Cathodic Protection:	Draining ConcretePad
Piping Cathodic Protection:	Not reported
Piping Material:	Steel/Iron
Secondary Containment Tank:	Doublewall Tank
Second Contain Pipe:	Not reported
Tank Dispenser:	Not reported
Above/Under Ground:	Above Ground

RDO EQUIPMENT CO (Continued) **A100393492**

Serial Number:	Not reported
Date Added:	07/14/2014 10:29:11
Date Last Updated:	07/14/2014 10:30:56
AST Base Material:	Concrete Slab
Piping Material Desc:	Not reported
Unregulated Tank Registration Date:	Not reported
Heating Product Flag:	Not reported
HazWaste Generator Id:	Not reported
Product Replaced Date:	Not reported
Sludge Disposal Facility:	Not reported
Comments:	Not reported
Staff Id Who Did The Last Update:	JHENRY
In Compliance:	No

Tank Action:

MPCA Tank Number:	‘4
Above Or Underground:	Above Ground
Tank Action ID:	1029641
Contractor Number:	Not reported
Supervisor Number:	Not reported
Tank Action:	Install Tank
Action Date:	02/01/2006 00:00:00
Action Date Unknown:	Not reported
Corrosion Expert Name:	Not reported
Lab Flag:	Not reported
Date Added:	07/14/2014 10:30:50
Date Last Updated:	07/14/2014 10:30:50
Staff Id Who Did The Last Update:	JHENRY

Tank Compartment:

MPCA Tank Number:	‘4
Above Or Underground:	Above Ground
Compartment Number:	1
Tank Stored Product Code:	24
Tank Stored Product Desc:	Not reported
Compartment Cap:	2000
Heating:	No
Other Desc:	Not reported
Date Added:	07/14/2014 10:29:11
Date Last Updated:	07/14/2014 10:29:11
Staff Id Who Did The Last Update:	JHENRY

Tabsite:

Program Interest Id:	69215453
Above Or Underground:	Above Ground
Facility Code:	19
Indian Reservation:	Not reported
UST Registration Date:	Not reported
AST Registration Date:	06/23/2014 00:00:00
Date Added:	07/11/2014 10:21:15
Date Last Updated:	07/11/2014 10:21:15
Staff Id Who Did The Last Update:	JHENRY
Max Monthly Gallons:	Not reported
Vapor Recovery Installed:	Not reported
Vapor Notify Required:	Not reported

RDO EQUIPMENT CO (Continued) **A100393492**

Lat Long:

Program Id:	69215453
Latlong 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
LatLong Description:	Not reported
TMSP Added:	07/11/2014 10:18:39
Date Last Updated:	07/11/2014 10:18:39
Staff Id Last Updated:	JHENRY
Coord Source Type:	Not reported
Org Name Source:	Not reported

Program Id:	69215453
Latlong ID:	207166
Latitude Degrees:	46
Latitude Minutes:	52
Latitude Seconds:	21.96
Longitude Degrees:	-96
Longitude Minutes:	44
Longitude Seconds:	54.65
Collection Date:	07/10/2014 17:36:09
LatLong Description:	Not reported
TMSP Added:	07/10/2014 17:52:53
Date Last Updated:	07/10/2014 17:52:53
Staff Id Last Updated:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported

Click this hyperlink while viewing on your computer to access additional MN AST: detail in the EDR Site Report.

H22
NW
1/8-1/4
0.170 mi.
895 ft.

RDO EQUIPMENT CO
2900 MAIN AVE E
MOORHEAD, MN 56560

Site 2 of 3 in cluster H

Financial Assurance **S116689371**
WIMN **N/A**

Relative:
Higher

Actual:
911 ft.

MN Financial Assurance 1:

PROGRAM ID:	69215453
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	69215449
Interest Telephone:	NO CORE PI PH.
Preferred ID:	126126
Interest Start Date:	07/10/2014
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	07/10/2014
TMSP Last Update:	07/10/2014 07:23:14
Staff ID Last Update:	JHENRY
Source:	CORE

RDO EQUIPMENT CO (Continued) **S116689371**

Source ID: 69215450
Country Code: USA
FOR State: Not reported
FOR Zone: Not reported
FIPS County Code: 027
Comments: Not reported

Latitude Longitude:
Program Id: 69215453
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: 07/11/2014 10:18:39
TMSP Last Update: 07/11/2014 10:18:39
Staff ID Last Update: JHENRY
Coord Source Type: Not reported
Org Name Source: Not reported
Coord Coll Meth: Not reported
Map Scale Code: Not reported
Source: TALES
Site ID: 69215450
Spatial ID: 69215454

Program Id: 69215453
Lat/Long ID: 207166
Latitude Degrees: 46
Latitude Minutes: 52
Latitude Seconds: 21.96
Longitude Degrees: -96
Longitude Minutes: 44
Longitude Seconds: 54.65
Collection Date: 07/10/2014 17:36:09
Lat/Long Description: Not reported
TMSP Added: 07/10/2014 17:52:53
TMSP Last Update: 07/10/2014 17:52:53
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: 69215450
Spatial ID: 69215454

Tab Site:
Program Id: 69215453
Facility Code: 19
Above or Under Code: 1
Indian Reservation: Not reported
Ust Registration Date: Not reported

RDO EQUIPMENT CO (Continued) **S116689371**

Ast Registration Date:	06/23/2014 00:00:00
TMSP Added:	07/11/2014 10:21:15
TMSP Last Update:	07/11/2014 10:21:15
Staff ID Last Update:	JHENRY
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	Not reported
Vapor Notif Required:	Not reported

WIMN:

Legislative District:	04A
Status:	Active
Latitude:	46.87276700
Longitude:	-96.74851601
Coordinate Collection Method:	Zip Code Centroid
Activity:	Tank Site
MPCA Id:	126126
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

H23 **RDO EQUIPMENT CO - MOORHEAD** **RCRA-CESQG** **1014472578**
NW **2900 MAIN AVE SE** **MNS000168641**
1/8-1/4 **MOORHEAD, MN 56560**
0.170 mi.
895 ft. **Site 3 of 3 in cluster H**

Relative:
Higher

Actual:
911 ft.

RCRA-CESQG:

Date form received by agency:	08/13/2012
Facility name:	RDO EQUIPMENT CO - MOORHEAD
Facility address:	2900 MAIN AVE SE MOORHEAD, MN 56560
EPA ID:	MNS000168641
Contact:	KORY BARTELS
Contact address:	2900 MAIN AVE SE MOORHEAD, MN 56560
Contact country:	US
Contact telephone:	(701) 526-2266
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

RDO EQUIPMENT CO - MOORHEAD (Continued) **1014472578**

Owner/Operator Summary:
Owner/operator name: KORY BARTELS
Owner/operator address: 2900 MAIN AVE SE
MOORHEAD, MN 56560
Owner/operator country: US
Owner/operator telephone: (701) 526-2266
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/09/2011
Owner/Op end date: Not reported

Owner/operator name: KORY BARTELS
Owner/operator address: 2900 MAIN AVE SE
MOORHEAD, MN 56560
Owner/operator country: US
Owner/operator telephone: (701) 526-2266
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/09/2011
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: D001
. Waste name: IGNITABLE WASTE

Historical Generators:
Date form received by agency: 05/09/2011
Site name: RDO EQUIPMENT CO - MOORHEAD
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

I24
SSE
1/4-1/2
0.270 mi.
1423 ft.

D & M WAREHOUSE
ADDRESS UNKNOWN
MOORHEAD, MN 56560

WIMN **S115777719**
N/A

Site 1 of 2 in cluster I

Relative:
Higher

Actual:
911 ft.

WIMN:

Legislative District:	04A
Status:	Active
Latitude:	46.83881999
Longitude:	-96.70851002
Coordinate Collection Method:	GPS - Other
Activity:	Construction Stormwater Permit
MPCA Id:	C00037294
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

25
East
1/4-1/2
0.274 mi.
1448 ft.

UNISHIPPERS ADDITION
4225 30TH AVENUE SOUTH
MOORHEAD, MN 56560

WIMN **S112422882**
N/A

Relative:
Higher

Actual:
911 ft.

WIMN:

Legislative District:	4A
Status:	Active
Latitude:	46.84304999
Longitude:	-96.70492002
Coordinate Collection Method:	Digitized - Permit Application Map
Activity:	Construction Stormwater Permit
MPCA Id:	C00034918
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

I26
SSE
1/4-1/2
0.310 mi.
1636 ft.

MCCARA 4TH ADDITION (14-A6-02)
ADDRESS UNKNOWN
MOORHEAD, MN 56560

WIMN **S115777981**
N/A

Site 2 of 2 in cluster I

Relative:
Higher

Actual:
911 ft.

WIMN:

Legislative District:	04A
Status:	Active
Latitude:	46.8384
Longitude:	-96.70780001
Coordinate Collection Method:	Digitized - Permit Application Map
Activity:	Construction Stormwater Permit
MPCA Id:	C00037223
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

27
WSW
1/4-1/2
0.372 mi.
1965 ft.

11-A2-2 VILLAGE GREEN AREA PHASE 2
ADDRESS UNKNOWN
MOORHEAD, MN 56560

WIMN **S111093512**
N/A

Relative:
Higher

Actual:
911 ft.

WIMN:

Legislative District:	4A
Status:	Inactive
Latitude:	46.8414
Longitude:	-96.72090002
Coordinate Collection Method:	GPS - Other
Activity:	Construction Stormwater Permit
MPCA Id:	C00031845
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

28
NW
1/4-1/2
0.379 mi.
2002 ft.

HOLIDAY STATIONSTORE #415
3478 28TH AVE S
MOORHEAD, MN 56560

Financial Assurance **S111751753**
WIMN **N/A**

Relative:
Higher

Actual:
911 ft.

MN Financial Assurance 1:

PROGRAM ID:	60750349
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	62169466
Interest Telephone:	NO CORE PI PH.
Preferred ID:	125553
Interest Start Date:	08/15/2011
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	08/15/2011
TMSP Last Update:	02/03/2012 06:52:33
Staff ID Last Update:	JHENRY
Source:	CORE
Source ID:	60750346
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	027
Comments:	Not reported

Latitude Longitude:

Program Id:	60750349
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:	08/16/2011 08:22:38
TMSP Last Update:	08/16/2011 08:22:38

HOLIDAY STATIONSTORE #415 (Continued) **S111751753**

Staff ID Last Update:	JHENRY
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	60750346
Spatial ID:	60750350
Program Id:	60750349
Lat/Long ID:	195189
Latitude Degrees:	46
Latitude Minutes:	50
Latitude Seconds:	52.34
Longitude Degrees:	-96
Longitude Minutes:	43
Longitude Seconds:	3.98
Collection Date:	02/03/2012 12:20:53
Lat/Long Description:	Not reported
TMSP Added:	08/15/2011 18:07:51
TMSP Last Update:	02/03/2012 12:31:26
Staff ID Last Update:	MAPT_NC
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	60750346
Spatial ID:	60750350

Tab Site:

Program Id:	60750349
Facility Code:	34
Above or Under Code:	2
Indian Reservation:	Not reported
Ust Registration Date:	01/13/2012 00:00:00
Ast Registration Date:	Not reported
TMSP Added:	08/16/2011 08:22:51
TMSP Last Update:	01/27/2012 10:06:39
Staff ID Last Update:	JHENRY
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	Not reported
Vapor Notif Required:	Not reported

WIMN:

Legislative District:	4A
Status:	Active
Latitude:	46.84787354
Longitude:	-96.71777264
Coordinate Collection Method:	Address Matching House Number
Activity:	Tank Site
MPCA Id:	125553
Major Watershed:	Upper Red River of the North

HOLIDAY STATIONSTORE #415 (Continued) **S111751753**

Click here to access Minnesota Pollution Control Agency:

29
SE
1/4-1/2
0.430 mi.
2271 ft.

OPPORTUNITY SUBSTATION **WIMN** **S117727027**
ADDRESS UNKNOWN **N/A**
MOORHEAD, MN 56560

Relative:
Higher

Actual:
911 ft.

WIMN:

Legislative District:	4A
Status:	Active
Latitude:	46.83829999
Longitude:	-96.70390002
Coordinate Collection Method:	GPS - Other
Activity:	Construction Stormwater Permit
MPCA Id:	C00032898
Major Watershed:	Upper Red River of the North

Click here to access Minnesota Pollution Control Agency:

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address
		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: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 01/18/2016
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: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 01/18/2016
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: 03/26/2015
Date Data Arrived at EDR: 04/08/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/09/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Varies

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

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2015
Next Scheduled EDR Contact: 12/07/2015
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
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: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

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: 05/28/2015
Date Data Arrived at EDR: 05/29/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 13

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
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: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
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: 09/10/2015
Date Data Arrived at EDR: 09/11/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Annually

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: 08/01/2014
Date Data Arrived at EDR: 10/02/2014
Date Made Active in Reports: 01/20/2015
Number of Days to Update: 110

Source: Pollution Control Agency
Telephone: 651-296-6139
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: 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: 05/13/2015
Date Data Arrived at EDR: 06/10/2015
Date Made Active in Reports: 07/17/2015
Number of Days to Update: 37

Source: Minnesota Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Annually

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

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: 08/01/2015
Date Data Arrived at EDR: 08/12/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 21

Source: Minnesota Pollution Control Agency
Telephone: 651-296-7276
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Varies

UNPERM LF: Unpermitted Facilities

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

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/12/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 21

Source: Pollution Control Agency
Telephone: 651-757-2665
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

LCP: Closed Landfills Priority List

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

Date of Government Version: 01/26/2015
Date Data Arrived at EDR: 05/28/2015
Date Made Active in Reports: 06/11/2015
Number of Days to Update: 14

Source: Minnesota Pollution Control Agency
Telephone: 651-296-9543
Source: Pollution Control Agency, GIS Section
Telephone: 651-296-7266
Last EDR Contact: 11/19/2015
Next Scheduled EDR Contact: 03/07/2016
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: 08/01/2015
Date Data Arrived at EDR: 08/12/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 21

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/01/2015
Date Data Arrived at EDR: 08/12/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 21

Source: Minnesota Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
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: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/30/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

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: 04/30/2015
Date Data Arrived at EDR: 05/05/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 48

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/28/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

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

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/27/2015
Next Scheduled EDR Contact: 02/08/2016
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: 07/28/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 67

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 07/30/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Semi-Annually

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

Date of Government Version: 07/21/2015
Date Data Arrived at EDR: 07/29/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 76

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/13/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Varies

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

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/12/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 21

Source: Minnesota Pollution Control Agency
Telephone: 651-649-5451
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Varies

AST: Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/12/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 21

Source: Minnesota Pollution Control Agency
Telephone: 651-296-0930
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Semi-Annually

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: 07/30/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Semi-Annually

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: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/30/2015
Next Scheduled EDR Contact: 02/09/2016
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 04/30/2015
Date Made Active in Reports: 06/22/2015
Number of Days to Update: 53

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/27/2015
Next Scheduled EDR Contact: 02/08/2016
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: 07/28/2015
Date Data Arrived at EDR: 08/07/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 67

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 07/21/2015
Date Data Arrived at EDR: 07/29/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 76

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/13/2015
Date Data Arrived at EDR: 08/03/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 07/28/2015
Date Data Arrived at EDR: 08/14/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 60

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Quarterly

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: 05/13/2015
Date Data Arrived at EDR: 06/10/2015
Date Made Active in Reports: 07/17/2015
Number of Days to Update: 37

Source: Pollution Control Agency
Telephone: 512-296-6300
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

VIC: Voluntary Investigation and Cleanup Program

Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 05/13/2015
Date Data Arrived at EDR: 06/10/2015
Date Made Active in Reports: 07/17/2015
Number of Days to Update: 37

Source: Minnesota Pollution Control Agency
Telephone: 651-296-7291
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 09/30/2014
Date Data Arrived at EDR: 01/09/2015
Date Made Active in Reports: 01/20/2015
Number of Days to Update: 11

Source: Pollution Control Agency
Telephone: 651-296-7999
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 06/22/2015
Date Data Arrived at EDR: 06/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/23/2015
Next Scheduled EDR Contact: 01/04/2016
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: 02/14/2013
Date Data Arrived at EDR: 02/13/2014
Date Made Active in Reports: 03/17/2014
Number of Days to Update: 32

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/06/2015
Next Scheduled EDR Contact: 02/15/2016
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: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 08/12/2015
Date Data Arrived at EDR: 09/04/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 60

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
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: 05/13/2015
Date Data Arrived at EDR: 06/10/2015
Date Made Active in Reports: 07/17/2015
Number of Days to Update: 37

Source: Pollution Control Agency
Telephone: 651-282-5988
Last EDR Contact: 06/10/2015
Next Scheduled EDR Contact: 09/21/2015
Data Release Frequency: Quarterly

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: 07/07/2015
Date Data Arrived at EDR: 07/10/2015
Date Made Active in Reports: 07/17/2015
Number of Days to Update: 7

Source: Department of Health
Telephone: 651-215-5800
Last EDR Contact: 10/05/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Varies

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: 08/01/2014
Date Data Arrived at EDR: 10/02/2014
Date Made Active in Reports: 01/20/2015
Number of Days to Update: 110

Source: Pollution Control Agency
Telephone: 651-296-6139
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: 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: 08/12/2015
Date Data Arrived at EDR: 09/04/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 60

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/31/2015
Next Scheduled EDR Contact: 12/14/2015
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: 06/05/2015
Date Data Arrived at EDR: 06/09/2015
Date Made Active in Reports: 07/17/2015
Number of Days to Update: 38

Source: Pollution Control Agency
Telephone: 602-282-5988
Last EDR Contact: 09/08/2015
Next Scheduled EDR Contact: 12/21/2015
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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/30/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

Records of Emergency Release Reports

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

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Annually

SPILLS: Spills Database
Spills reported to the Pollution Control Agency.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/12/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 21

Source: Minnesota Pollution Control Agency
Telephone: 651-649-5451
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

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: 08/07/2015
Date Data Arrived at EDR: 08/11/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 22

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

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

Date of Government Version: 11/20/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 06/09/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/29/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/11/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/16/2015
Next Scheduled EDR Contact: 01/25/2016
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
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/16/2015
Next Scheduled EDR Contact: 01/25/2016
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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/19/2015
Next Scheduled EDR Contact: 02/29/2016
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: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/10/2015
Next Scheduled EDR Contact: 02/22/2016
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/22/2016
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/25/2015
Next Scheduled EDR Contact: 01/04/2016
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2013
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 110

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/28/2015
Next Scheduled EDR Contact: 12/07/2015
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: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/11/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/26/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/13/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

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

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/29/2015
Next Scheduled EDR Contact: 01/25/2016
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: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/08/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Quarterly

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

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Quarterly

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

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/18/2015
Next Scheduled EDR Contact: 03/07/2016
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: 06/26/2015
Date Data Arrived at EDR: 07/10/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 95

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/03/2015
Next Scheduled EDR Contact: 12/21/2015
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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/13/2015
Next Scheduled EDR Contact: 10/28/2015
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
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/11/2015
Next Scheduled EDR Contact: 12/21/2015
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/29/2015
Next Scheduled EDR Contact: 02/08/2016
Data Release Frequency: Varies

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

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/07/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Quarterly

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 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 Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/07/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/28/2015
Next Scheduled EDR Contact: 12/07/2015
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/16/2015
Next Scheduled EDR Contact: 01/25/2016
Data Release Frequency: Semi-Annually

UMTRA: Uranium Mill Tailings Sites

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

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

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/19/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/05/2015
Next Scheduled EDR Contact: 01/18/2016
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 07/22/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
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: 05/14/2015
Date Data Arrived at EDR: 06/03/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 91

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/01/2015
Next Scheduled EDR Contact: 12/14/2015
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: 09/04/2015
Next Scheduled EDR Contact: 12/14/2015
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: 09/04/2015
Next Scheduled EDR Contact: 12/14/2015
Data Release Frequency: Varies

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: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 09/09/2015
Next Scheduled EDR Contact: 12/21/2015
Data Release Frequency: Quarterly

AGVIC: Agricultural Voluntary Investigation & Cleanup Listing

A listing of agricultural voluntary investigation & cleanup site locations.

Date of Government Version: 08/07/2015
Date Data Arrived at EDR: 08/11/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 22

Source: Department of Agriculture
Telephone: 651-201-6400
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

AIRS: Permit Contact List

A listing of permitted AIRS facilities.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/20/2015
Date Made Active in Reports: 03/11/2015
Number of Days to Update: 19

Source: Pollution Control Agency
Telephone: 651-296-7351
Last EDR Contact: 11/19/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Varies

BULK: Bulk Facilities Database

Facilities that use bulk pesticides and fertilizers

Date of Government Version: 08/10/2015
Date Data Arrived at EDR: 08/11/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 22

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Semi-Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 02/17/2015
Date Data Arrived at EDR: 02/19/2015
Date Made Active in Reports: 03/11/2015
Number of Days to Update: 20

Source: Pollution Control Agency
Telephone: 651-757-2740
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaning Facilities

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

Date of Government Version: 06/29/2015
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/17/2015
Number of Days to Update: 10

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 09/14/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Varies

ENFORCEMENT: Generators Associated with Enforcement Logs

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

Date of Government Version: 05/07/2014
Date Data Arrived at EDR: 05/23/2014
Date Made Active in Reports: 06/18/2014
Number of Days to Update: 26

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8332
Last EDR Contact: 09/28/2015
Next Scheduled EDR Contact: 01/11/2016
Data Release Frequency: Quarterly

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.

Date of Government Version: 08/01/2015
Date Data Arrived at EDR: 08/12/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 21

Source: Pollutiona Control Agency
Telephone: 651-297-8220
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
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: 08/01/2015
Date Data Arrived at EDR: 08/12/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 21

Source: Pollution Control Agency
Telephone: 651-296-6066
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Quarterly

Financial Assurance 3: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities.

Date of Government Version: 10/01/2014
Date Data Arrived at EDR: 12/15/2014
Date Made Active in Reports: 01/20/2015
Number of Days to Update: 36

Source: Pollution Control Agency
Telephone: 651-296-7258
Last EDR Contact: 09/14/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Varies

MN HWS PERMIT: Active TSD Facilities

Active TSD Facilities.

Date of Government Version: 03/01/2015
Date Data Arrived at EDR: 03/17/2015
Date Made Active in Reports: 03/30/2015
Number of Days to Update: 13

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8470
Last EDR Contact: 09/14/2015
Next Scheduled EDR Contact: 12/28/2015
Data Release Frequency: Annually

MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest data.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/07/2015
Date Made Active in Reports: 07/17/2015
Number of Days to Update: 10

Source: Pollution Control Agency
Telephone: 651-296-7258
Last EDR Contact: 09/14/2015
Next Scheduled EDR Contact: 12/28/2015
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: 08/10/2015
Date Data Arrived at EDR: 08/11/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 22

Source: Department of Agriculture
Telephone: 651-201-6000
Last EDR Contact: 11/11/2015
Next Scheduled EDR Contact: 02/22/2016
Data Release Frequency: Varies

LS: List of Sites

The List of Sites includes: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), Permanent List of Priorities (PLP), sites delisted from the Permanent List of Priorities (DPLP), Hazardous Waste Permit Unit Project Facilities (HW PERM), List of Permitted Solid Waste Facilities (SW PERM), 1980 Metropolitan Area Waste Disposal Site Inventory (METRO), 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP).

Date of Government Version: 04/22/2009
Date Data Arrived at EDR: 07/14/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 10

Source: Minnesota Pollution Control Agency
Telephone: 651-297-2731
Source: Pollution Control Agency, GIS Section
Telephone: 651-297-2731
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

TIER 2: Tier 2 Facility Listing

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/05/2015
Number of Days to Update: 63

Source: Department of Public Safety
Telephone: 651-296-2233
Last EDR Contact: 11/09/2015
Next Scheduled EDR Contact: 02/22/2016
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: 06/08/2015
Date Data Arrived at EDR: 07/15/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 28

Source: Pollution Control Agency
Telephone: 651-757-2593
Last EDR Contact: 07/15/2015
Next Scheduled EDR Contact: 10/28/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A
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 Historic Dry Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Minnesota Pollution Control Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Minnesota Pollution Control Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Minnesota Pollution Control Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

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

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/16/2015
Next Scheduled EDR Contact: 02/29/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/13/2015
Next Scheduled EDR Contact: 01/25/2016
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: 08/01/2015
Date Data Arrived at EDR: 08/06/2015
Date Made Active in Reports: 08/24/2015
Number of Days to Update: 18

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/08/2015
Next Scheduled EDR Contact: 02/15/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/19/2015
Next Scheduled EDR Contact: 02/01/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/19/2015
Next Scheduled EDR Contact: 03/07/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 03/19/2015
Date Made Active in Reports: 04/07/2015
Number of Days to Update: 19

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/10/2015
Next Scheduled EDR Contact: 12/28/2015
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
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.

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

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

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

SUNOPTA FACILITY
4111 30TH AVENUE
MOORHEAD, MN 56560

TARGET PROPERTY COORDINATES

Latitude (North):	46.8429 - 46° 50' 34.44"
Longitude (West):	96.7119 - 96° 42' 42.84"
Universal Tranverse Mercator:	Zone 14
UTM X (Meters):	674465.8
UTM Y (Meters):	5190030.0
Elevation:	911 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5959610 SABIN, 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 principal investigative components:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

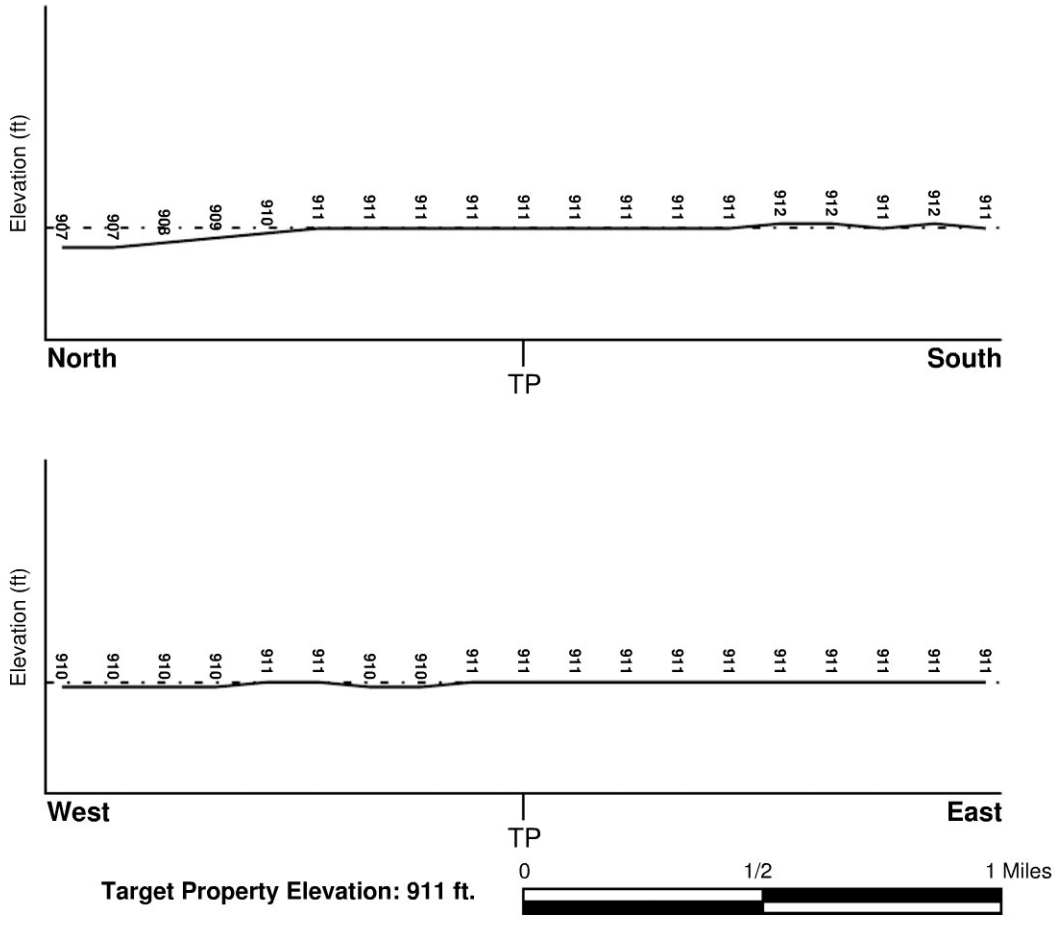
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
CLAY, MN	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	2752440010D - FEMA Q3 Flood data
Additional Panels in search area:	2752350175C - FEMA Q3 Flood data 2752350200C - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SABIN	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

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

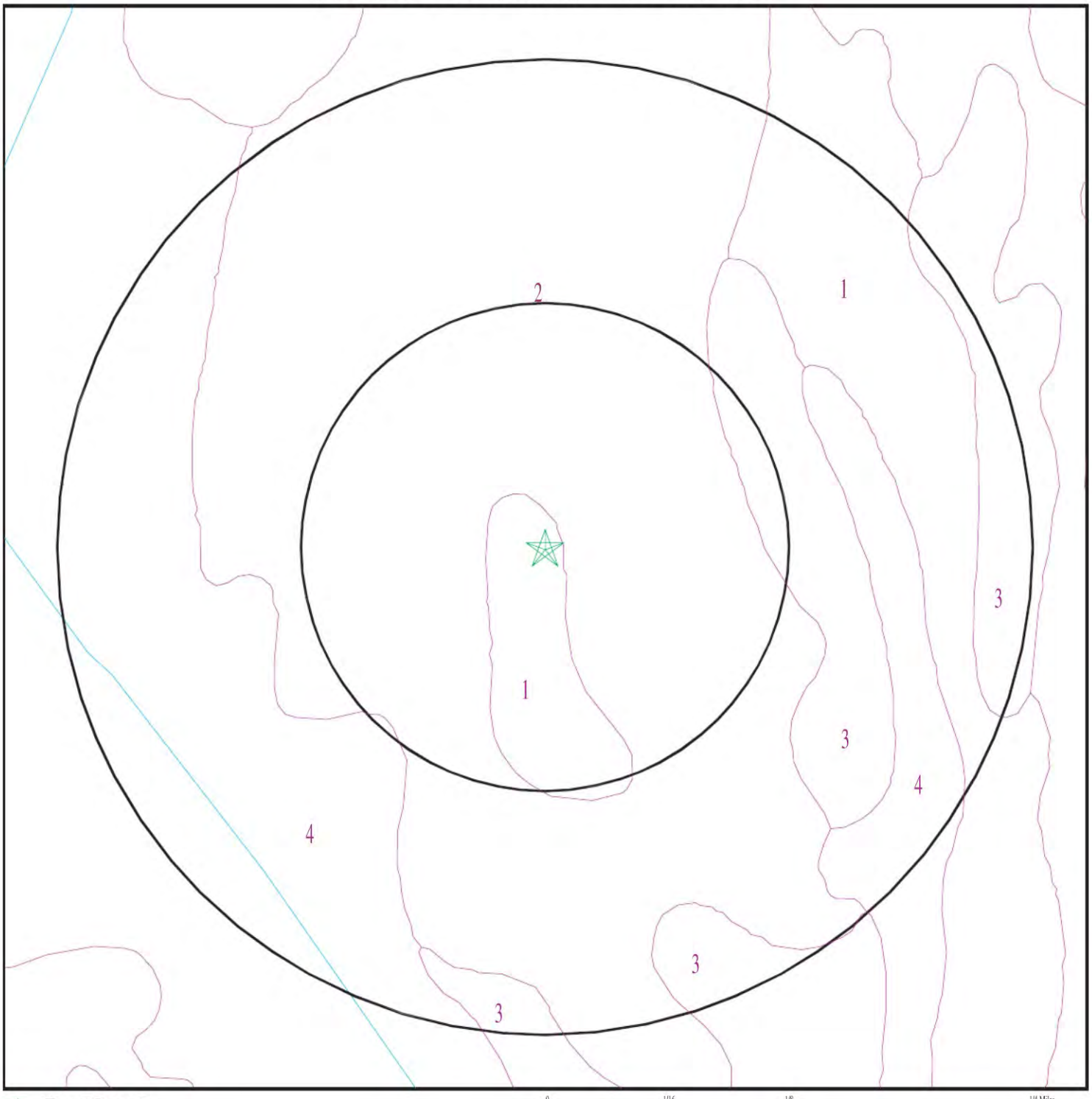
Era:	Precambrian
System:	Precambrian
Series:	W granitic rocks
Code:	Wv *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

SSURGO SOIL MAP - 4474194.2s



SITE NAME:	Sunopta Facility	CLIENT:	Property Solutions, Inc.
ADDRESS:	4111 30th Avenue Moorhead MN 56560	CONTACT:	Brian Gallagher
		INQUIRY #:	4474194.2s
LAT/LONG:	46.8429 / 96.7119	DATE:	November 23, 2015 9:30 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Bearden

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	11 inches	31 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	31 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Hegne

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 30 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	9 inches	26 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
3	26 inches	33 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
4	33 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Bearden

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	9 inches	24 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	24 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Colvin

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	11 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 8.4 Min: 7.4
3	22 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000596337	1/4 - 1/2 Mile SSE
B7	USGS40000566892	1/2 - 1 Mile NW
C8	USGS40000566766	1/2 - 1 Mile South
10	USGS40000596402	1/2 - 1 Mile NW
D13	USGS40000566765	1/2 - 1 Mile SSE
17	USGS40000596376	1/2 - 1 Mile ENE
G22	USGS40000566879	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

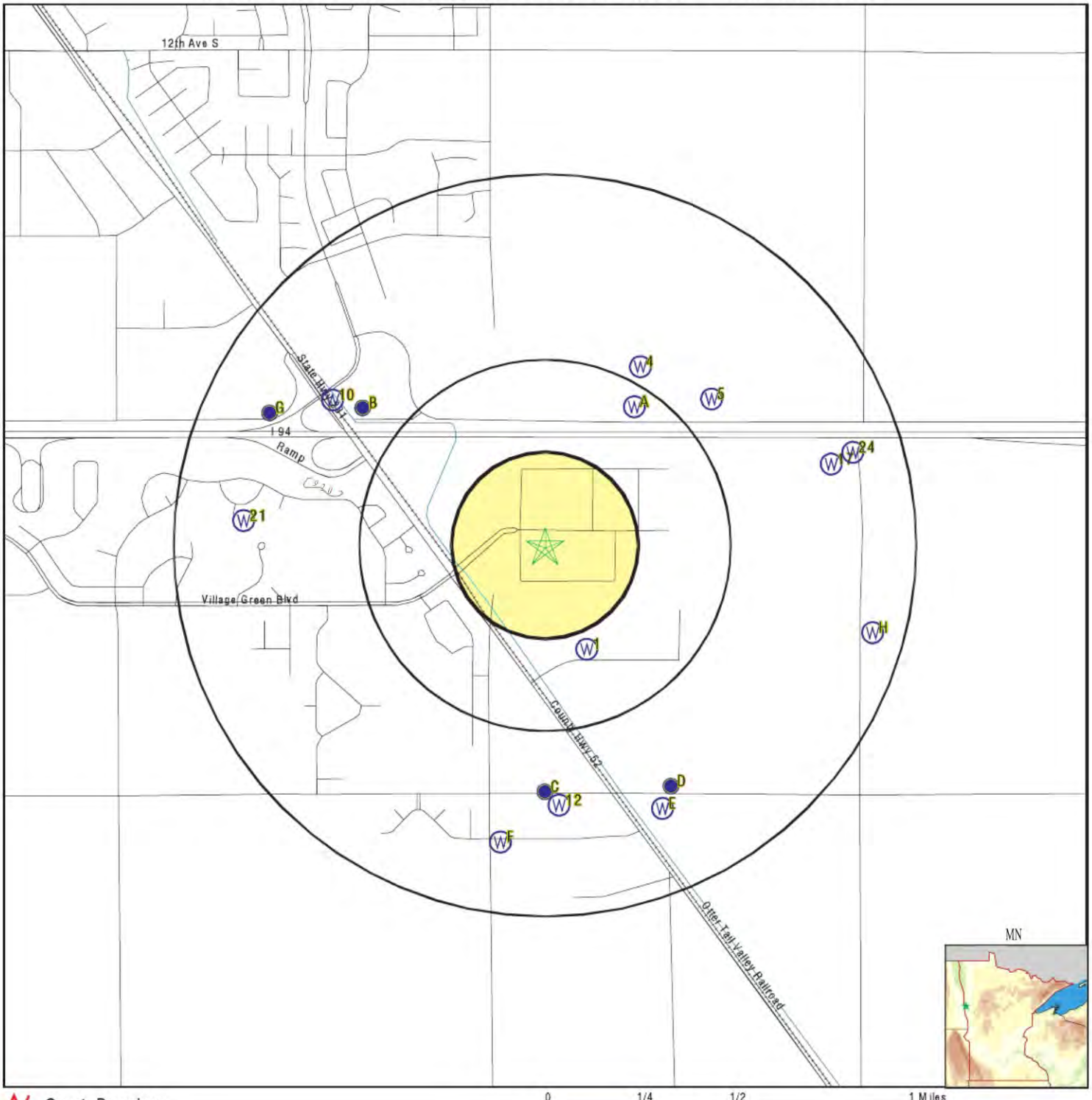
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	MN5000000065773	1/4 - 1/2 Mile NE
A3	MN5000000137715	1/4 - 1/2 Mile NNE
4	MN5000000151667	1/2 - 1 Mile NNE
5	MN5000000119950	1/2 - 1 Mile NE
B6	MN5000000041655	1/2 - 1 Mile NW
C9	MN5000000015310	1/2 - 1 Mile South
C11	MN5000000045755	1/2 - 1 Mile South
12	MN5000000151562	1/2 - 1 Mile South
D14	MN5000000093005	1/2 - 1 Mile SSE
E15	MN5000000216556	1/2 - 1 Mile SSE
E16	MN5000000216557	1/2 - 1 Mile SSE
F18	MN5000000137714	1/2 - 1 Mile South
F19	MN5000000145199	1/2 - 1 Mile South
F20	MN5000000182868	1/2 - 1 Mile South
21	MN5000000024858	1/2 - 1 Mile West
G23	MN5000000063494	1/2 - 1 Mile WNW
24	MN5000000059532	1/2 - 1 Mile ENE
H25	MN5000000163564	1/2 - 1 Mile ESE
H26	MN5000000216553	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 4474194.2s



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

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data

SITE NAME: Sunopta Facility	CLIENT: Property Solutions, Inc.
ADDRESS: 4111 30th Avenue Moorhead MN 56560	CONTACT: Brian Gallagher INQUIRY #: 4474194.2s
LAT/LONG: 46.8429 / 96.7119	DATE: November 23, 2015 9:30 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000596337**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	USGS-465020096423301		
Monloc name:	138N48W23CCC		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8388517
Longitude:	-96.7095236	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	910.00
Vert measure units:	feet	Vertacc measure val:	52
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
NE
1/4 - 1/2 Mile
Higher | **MN WELLS** | **MN5000000065773**

Relateid:	0000222088	County c:	Clay
Unique no:	00222088	Wellname:	FARGO-MOORHEAD KOA TW2
Township:	139	Range:	48
Range dir:	W	Section:	14
Subsection:	CDDCCA	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	312		
Depth comp:	312		
Date drll:	19670600		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920325		
Strat upd:	20131219		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth2bdrk:	295		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20140131		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217423		
Utmn:	5194941		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	619056		
Geocupd da:	20100709		
Rcvd date:	0		
Well label:	222088	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000065773		

Address Information:

Relateid:	0000222088	Name:	FARGO-MOORHEAD KAMPGROUN
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19920325		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222088	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		

Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	PULKRABEK, C.		
Entry date:	Not Reported		
Updt date:	20020309		
Id Information:			
Relateid:	0000222088	Identifier:	5140045
Id type:	MDH	Id prog:	PWS

A3
NNE
1/4 - 1/2 Mile
Higher

MN WELLS **MN5000000137715**

Relateid:	0000222089	County c:	Clay
Unique no:	00222089	Wellname:	FARGO MOORHEAD KOA TW1
Township:	139	Range:	48
Range dir:	W	Section:	14
Subsection:	CDCADD	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	357		
Depth comp:	357		
Date drll:	19670600		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920325		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	292		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20140131		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217383		
Utmn:	5195022		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	619056		
Geocupd da:	20100709		
Rcvd date:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well label:	222089	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000137715		

Address Information:

Relateid:	0000222089	Name:	FARGO MOORHEAD KAMPGROUN
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19920325		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222089	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	PULKRABEK, C.		
Entry date:	Not Reported		
Updt date:	20020309		

Id Information:

Relateid:	0000222089	Identifier:	5140045
Id type:	MDH	Id prog:	PWS

Remarks Information:

Relateid:	0000222089
Seq no:	1
Remarks:	TW-1.

Remarks Information:

Relateid:	0000222089
Seq no:	2
Remarks:	139-48-14 CDDCBC

Remarks Information:

Relateid:	0000222089
Seq no:	3
Remarks:	ELEV 909-+5

4
NNE **MN WELLS** **MN5000000151667**
1/2 - 1 Mile
Lower

Relateid:	0000222087	County c:	Clay
Unique no:	00222087	Wellname:	FARGO-MOORHEAD KOA TW3
Township:	139	Range:	48
Range dir:	W	Section:	14
Subsection:	CDACAC	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	147		
Depth comp:	147		
Date drll:	19670600		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19921103		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20140131		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217437		
Utmn:	5195153		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222087	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000151667		

Address Information:

Relateid:	0000222087	Name:	FARGO-MOORHEAD KAMPGROUN
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19921103		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222087	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	PULKBRABEK, C		
Entry date:	Not Reported		
Updt date:	20020309		

Id Information:

Relateid:	0000222087	Identifier:	5140045
Id type:	MDH	Id prog:	PWS

5
NE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000119950**

Relateid:	0000222086	County c:	Clay
Unique no:	00222086	Wellname:	FARGO-MOORHEAD KAMP GROU
Township:	139	Range:	48
Range dir:	W	Section:	14
Subsection:	DCCDBA	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	262		

Depth comp:	262		
Date drll:	19670628		
Case diam:	4		
Case depth:	246		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920325		
Strat upd:	20131219		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217739		
Utmn:	5194999		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222086	Swlcount:	1
Swldate:	19670628		
Swlavgmeas:	60		
Swlavgelev:	849		
Site id:	MN5000000119950		

Address Information:

Relateid:	0000222086	Name:	FARGO-MOORHEAD KAMP GROU
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19920325		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222086	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Screen mfg:	Not Reported	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4BM21
Pump hp:	3		
Pump volts:	220		
Dropp len:	231		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	PULKRABEK, C.		
Entry date:	19880407		
Updt date:	20020309		

Historic Water Level Information:

Relateid:	0000222086	Meas type:	Well installation
Meas date:	19670628		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	60		
Meas elev:	849		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	20000714		

Id Information:

Relateid:	0000222086	Identifier:	5140045
Id type:	MDH	Id prog:	PWS

Pump Test Information:

Relateid:	0000222086
Pumptestid:	1
Test date:	19670600
Start meas:	60
Flow rate:	35
Duration:	Not Reported
Pump meas:	175

Remarks Information:

Relateid:	0000222086
Seq no:	1
Remarks:	WATER HAS YELLOW TINT AND FOAMS VERY EASILY.

B6
NW
1/2 - 1 Mile
Higher

MN WELLS **MN5000000041655**

Relateid:	0000102606	County c:	Clay
Unique no:	00102606	Wellname:	OFFUT, RON
Township:	139	Range:	48
Range dir:	W	Section:	15
Subsection:	DCDCBD	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Other, note in remarks
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	190		

Depth comp:	156		
Date drll:	19760615		
Case diam:	4		
Case depth:	150		
Grout:	Well known to be not grouted	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19921103		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QNUU	Ohbotunit:	QNUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216229		
Utmn:	5195030		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	102606	Swlcount:	1
Swldate:	19760615		
Swlavgmeas:	41		
Swlavgelev:	870		
Site id:	MN5000000041655		

Address Information:

Relateid:	0000102606	Name:	OFFUT, RON
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19921103		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000102606	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	0		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4AM11
Pump hp:	.5		
Pump volts:	230		
Dropp len:	131		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	WEIDERHOLT, D		
Entry date:	19880407		
Updt date:	20000714		

Historic Water Level Information:

Relateid:	0000102606	Meas type:	Well installation
Meas date:	19760615		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	41		
Meas elev:	870		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	20000714		

Pump Test Information:

Relateid:	0000102606
Pumptestid:	1
Test date:	19760600
Start meas:	41
Flow rate:	8.5
Duration:	6
Pump meas:	119

B7
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000566892**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	MN040-465054096431901		
Monloc name:	139N48W15DCDCBD01		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8482961
Longitude:	-96.7223017	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	911
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Glacial Buried Sand and/or Gravel		
Aquifer type:	Confined single aquifer		
Construction date:	19760615	Welldepth:	190
Welldepth units:	ft	Wellholedepth:	190
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

C8
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000566766**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	MN040-465001096424201		
Monloc name:	139N48W23CCDCCB01		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8335739
Longitude:	-96.7120236	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	911
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Glacial Buried Sand and/or Gravel		
Aquifer type:	Confined single aquifer		
Construction date:	19760601	Welldepth:	328
Welldepth units:	ft	Wellholedepth:	328
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

C9
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000015310**

Relateid:	0000102604	County c:	Clay
Unique no:	00102604	Wellname:	AMERICAN ESTATES 2
Township:	139	Range:	48
Range dir:	W	Section:	23
Subsection:	CCDCCB	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	328		

Depth comp:	326		
Date drll:	19760601		
Case diam:	4		
Case depth:	310		
Grout:	Well known to be not grouted	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920917		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	326		
First bdrk:	PCCR	Last strat:	Precambrian Crystalline Roc
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216928		
Utmn:	5193351		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	102604	Swlcount:	1
Swldate:	19760601		
Swlavgmeas:	145		
Swlavgelev:	766		
Site id:	MN5000000015310		

Address Information:

Relateid:	0000102604	Name:	AMERICAN ESTATES 2
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19920917		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000102604	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	Not Reported		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	N
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	SCHROEDER, F.		
Entry date:	19880407		
Updt date:	20000713		

Historic Water Level Information:

Relateid:	0000102604	Meas type:	Well installation
Meas date:	19760601		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	145		
Meas elev:	766		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	20000713		

Pump Test Information:

Relateid:	0000102604
Pumptestid:	1
Test date:	19760600
Start meas:	145
Flow rate:	75
Duration:	2
Pump meas:	152

10
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000596402**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	USGS-465055096432501		
Monloc name:	139N48W15CDD		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8485739
Longitude:	-96.7239683	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	910.00
Vert measure units:	feet	Vertacc measure val:	52
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	145
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C11
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000045755**

Relateid:	0000222077	County c:	Clay
Unique no:	00222077	Wellname:	KREPS, BILL TW#1
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBABAC	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	341		
Depth comp:	341		
Date drll:	19720822		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920219		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	324		
First bdrk:	UREG	Last strat:	Precambrian Crystalline Roc
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20091007		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216951		
Utmn:	5193279		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		

Well label:	222077	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000045755		

Address Information:

Relateid:	0000222077	Name:	KREPS, BILL TW#1
Addtype c:	Both	House no:	RR 2
Street:	AMERICANA #2	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19920219		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222077	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	SCHROEDER, F.		
Entry date:	Not Reported		
Updt date:	20000713		

Remarks Information:

Relateid:	0000222077
Seq no:	1
Remarks:	AMERICANA ESTATES II LOT #10 ON HWY. 52 SOUTH.

12
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000151562**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000222076	County c:	Clay
Unique no:	00222076	Wellname:	KREPS, BILL
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBABCA	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	290		
Depth comp:	288		
Date drll:	19720824		
Case diam:	4		
Case depth:	277		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920917		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216995		
Utmn:	5193270		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222076	Swlcount:	1
Swldate:	19720823		
Swlavgmeas:	80		
Swlavgelev:	831		
Site id:	MN5000000151562		

Address Information:

Relateid:	0000222076	Name:	KREPS, BILL
Addtype c:	Both	House no:	RR 2
Street:	AMERICANA #2	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19920917		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222076	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Y	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	stainless steel
Ptlss mfg:	MONITOR	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4BM-21
Pump hp:	3		
Pump volts:	220		
Dropp len:	210		
Dropp mat:	G		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SCHROEDER, F.		
Entry date:	19880407		
Updt date:	20000713		

Historic Water Level Information:

Relateid:	0000222076	Meas type:	Well installation
Meas date:	19720823		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	0		
Measuremt:	80		
Meas elev:	831		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	0		

Pump Test Information:

Relateid:	0000222076
Pumptestid:	1
Test date:	19720800
Start meas:	80
Flow rate:	45
Duration:	Not Reported
Pump meas:	116

Remarks Information:

Relateid:	0000222076
Seq no:	1
Remarks:	AMERICANA ESTATES II LOT #1 ON WEST END.

D13
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000566765**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	MN040-465001096421601		
Monloc name:	139N48W23CDDDDA01		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8335739
Longitude:	-96.7048011	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	912
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Glacial Buried Sand and/or Gravel		
Aquifer type:	Confined single aquifer		
Construction date:	19751118	Welldepth:	186
Welldepth units:	ft	Wellholedepth:	186
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

D14
SSE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000093005**

Relateid:	0000117078	County c:	Clay
Unique no:	00117078	Wellname:	MARTIN, MAURICE
Township:	139	Range:	48
Range dir:	W	Section:	23
Subsection:	CDDDDA	Mgsquad c:	Sabin
Elevation:	912		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Plat Book
Loc src:	Minnesota Geological Survey	Data src:	Paasch Well Co.
Depth drll:	186		
Depth comp:	186		
Date drll:	19751118		
Case diam:	4		
Case depth:	180		
Grout:	Well known to be not grouted	Pollut dst:	150
Pollut dir:	NW	Pollut typ:	SDF
Strat date:	19930224		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	Bruce Bloomgren
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217488		
Utmn:	5193323		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	117078	Swlcount:	1
Swldate:	19751118		
Swlavgmeas:	9		
Swlavgelev:	903		
Site id:	MN5000000093005		

Address Information:

Relateid:	0000117078	Name:	MARTIN, MAURICE
Addtype c:	Both	House no:	RR 2
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19910613		
Updt date:	19930224		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000117078	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	Not Reported		
Drive shoe:	Y	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Y
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Y
Pump date:	19751120		
Pump mfg:	GOULDS	Pump model:	25EL10412
Pump hp:	1		
Pump volts:	230		
Dropp len:	54		
Dropp mat:	G		
Pump cpcty:	30		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	PAASCH, A.		
Entry date:	19910613		
Updt date:	20000713		

Historic Water Level Information:

Relateid:	0000117078	Meas type:	Well installation
Meas date:	19751118		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	9		
Meas elev:	903		
Data src:	Paasch Well Co.	Program:	CWI
Entry date:	19910613		
Updt date:	20000713		

Pump Test Information:

Relateid:	0000117078
Pumptestid:	1
Test date:	19751118
Start meas:	9
Flow rate:	125
Duration:	1
Pump meas:	50

E15
SSE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000216556**

Relateid:	0000704442	County c:	Clay
Unique no:	00704442	Wellname:	MARTINSON, MYRON
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BAAACA	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Tag on well
Loc src:	County	Data src:	Lako Well Co.
Depth drll:	145		
Depth comp:	145		
Date drll:	20041207		
Case diam:	0		
Case depth:	130		
Grout:	Well grouted, type unknown	Pollut dst:	80
Pollut dir:	E	Pollut typ:	SEW
Strat date:	20050314		
Strat upd:	20100406		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Department of Health
Unused:	N		
Entry date:	20050314		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Updt date:	20140131		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217430		
Utmn:	5193234		
Geoc entry:	619032		
Geoc date:	20100216		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	20041222		
Well label:	704442	Swlcount:	1
Swldate:	20041207		
Swlavgmeas:	28		
Swlavgelev:	883		
Site id:	MN5000000216556		

Address Information:

Relateid:	0000704442	Name:	MARTINSON, MYRON
Addtype c:	Both	House no:	4379
Street:	40TH	Road type:	Avenue
Road dir:	South	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	20050314		
Updt date:	20100202		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000704442	Drill meth:	Non-specified Rotary
Drill flud:	Water	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	EVER-FLO	Screen typ:	plastic
Ptlss mfg:	MONITOR	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Not Reported
Pump date:	20041215		
Pump mfg:	STA-RITE	Pump model:	L5P4CHL-03
Pump hp:	.5		
Pump volts:	230		
Dropp len:	130		
Dropp mat:	Not Reported		
Pump cpcty:	5		
Pump type:	Submersible	Variance:	N
Drllr name:	LAKO, P.		
Entry date:	20050314		
Updt date:	Not Reported		

Historic Water Level Information:

Relateid:	0000704442	Meas type:	Well installation
Meas date:	20041207		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	28		
Meas elev:	883		
Data src:	Lako Well Co.	Program:	WELLLOG
Entry date:	20050314		
Updt date:	20100216		

Id Information:

Relateid:	0000704442	Identifier:	210262103
Id type:	CNTY	Id prog:	PID

Pump Test Information:

Relateid:	0000704442
Pumptestid:	1
Test date:	20041207
Start meas:	28
Flow rate:	6
Duration:	2
Pump meas:	120

E16
SSE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000216557**

Relateid:	0000422593	County c:	Clay
Unique no:	00422593	Wellname:	MARTINSON, MYRON
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BAAAAC	Mgsquad c:	Sabin
Elevation:	912		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from neighbor
Loc src:	County	Data src:	Lako Well Co.
Depth drll:	146		
Depth comp:	146		
Date drll:	19901109		
Case diam:	4		
Case depth:	140		
Grout:	Well grouted, type unknown	Pollut dst:	80
Pollut dir:	S	Pollut typ:	SDF
Strat date:	20020917		
Strat upd:	20100406		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910813		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Updt date:	20140214		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217455		
Utmn:	5193235		
Geoc entry:	619032		
Geoc date:	20100216		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	422593	Swlcount:	1
Swldate:	19901109		
Swlavgmeas:	28		
Swlavgelev:	884		
Site id:	MN5000000216557		

Address Information:

Relateid:	0000422593	Name:	MARTINSON, MYRON
Addtype c:	Both	House no:	4491
Street:	40TH	Road type:	Avenue
Road dir:	South	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19910813		
Updt date:	20100202		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000422593	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	2		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	EVERFLO	Screen typ:	plastic
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Y
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	N
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	LAKO, P.		
Entry date:	Not Reported		
Updt date:	20020917		

Historic Water Level Information:

Relateid:	0000422593	Meas type:	Well installation
Meas date:	19901109		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	28		
Meas elev:	884		
Data src:	Lako Well Co.	Program:	CWI
Entry date:	19910813		
Updt date:	20100216		

Id Information:

Relateid:	0000422593	Identifier:	210262101
Id type:	CNTY	Id prog:	PID

Pump Test Information:

Relateid:	0000422593
Pumptestid:	1
Test date:	19901109
Start meas:	28
Flow rate:	12
Duration:	3
Pump meas:	120

Remarks Information:

Relateid:	0000422593
Seq no:	1
Remarks:	CASING WEIGHT: CLASS 200

Remarks Information:

Relateid:	0000422593
Seq no:	2
Remarks:	GROUTING MATERIAL: O= PORTLAND

17
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000596376**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	USGS-465046096414301		
Monloc name:	139N48W23AAA		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8460736
Longitude:	-96.6956339	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	910.00
Vert measure units:	feet	Vertacc measure val:	52
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19270101	Welldepth:	182
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

F18
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000137714**

Relateid:	0000222079	County c:	Clay
Unique no:	00222079	Wellname:	SAFGREN, LARRY TW-1
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBBCCD	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	342		
Depth comp:	342		
Date drll:	19710908		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920219		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	302		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20091007		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216733		
Utmn:	5193125		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222079	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000137714		

Address Information:

Relateid:	0000222079	Name:	SAFGREN, LARRY TW-1
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19920219		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222079	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	SCHROEDER, F.		
Entry date:	Not Reported		
Updt date:	20000713		

F19
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000145199**

Relateid:	0000222078	County c:	Clay
Unique no:	00222078	Wellname:	SAFGREN, LARRY
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBBCCD	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	128		

Depth comp:	128		
Date drll:	19710908		
Case diam:	4		
Case depth:	124		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19910814		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216733		
Utmn:	5193125		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222078	Swlcount:	1
Swldate:	19710908		
Swlavgmeas:	40		
Swlavgelev:	871		
Site id:	MN5000000145199		

Address Information:

Relateid:	0000222078	Name:	SAFGREN, LARRY
Addtype c:	Contact address	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	20000713		
Updt date:	Not Reported		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222078	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Screen mfg:	Not Reported	Screen typ:	stainless steel
Ptlss mfg:	MONITOR	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4 AM 11
Pump hp:	.5		
Pump volts:	230		
Dropp len:	110		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SCHOEDER, F.		
Entry date:	19880407		
Updt date:	20000713		

Historic Water Level Information:

Relateid:	0000222078	Meas type:	Well installation
Meas date:	19710908		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	0		
Measuremt:	40		
Meas elev:	871		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	0		

Pump Test Information:

Relateid:	0000222078
Pumptestid:	1
Test date:	19710900
Start meas:	40
Flow rate:	5
Duration:	Not Reported
Pump meas:	95

F20
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000182868**

Relateid:	0000243401	County c:	Clay
Unique no:	00243401	Wellname:	SAFGREN, LARRY TW-3
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBBCDC	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	312		

Depth comp:	312		
Date drll:	0		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920219		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	301		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20091007		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216734		
Utmn:	5193116		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	243401	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000182868		

Address Information:

Relateid:	0000243401	Name:	SAFGREN, LARRY TW-3
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19920219		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000243401	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	SCHROEDER, F.		
Entry date:	Not Reported		
Updt date:	20000713		

21
West
1/2 - 1 Mile
Lower

MN WELLS **MN5000000024858**

Relateid:	0000163169	County c:	Clay
Unique no:	00163169	Wellname:	MOOREHEAD GOLF COURSE
Township:	139	Range:	48
Range dir:	W	Section:	22
Subsection:	BDBABA	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Commercial	Loc mc:	Not Reported
Loc src:	Minnesota Department of Health	Data src:	Ltp Enterprises
Depth drll:	302		
Depth comp:	291		
Date drll:	19790813		
Case diam:	6		
Case depth:	281		
Grout:	U	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19930513		
Strat upd:	20100610		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	294		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19920723		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Updt date:	20140214		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MDH	Geoc prg:	WHP
Utme:	215687		
Utmn:	5194568		
Geoc entry:	210019		
Geoc date:	20000914		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	163169	Swlcount:	1
Swldate:	19790813		
Swlavgmeas:	77.5999984741211		
Swlavgelev:	831.400024414063		
Site id:	MN5000000024858		

Address Information:

Relateid:	0000163169	Name:	MOOREHEAD GOLF COURSE WELL#4
Addtype c:	Well address	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19920723		
Updt date:	20011126		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000163169	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	3		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Y
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Y
Pump date:	19790613		
Pump mfg:	RED JACKET	Pump model:	6MB-6
Pump hp:	7.5		
Pump volts:	440		
Dropp len:	231		
Dropp mat:	S		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SALAZAR, B.		
Entry date:	19920723		
Updt date:	20020115		

Historic Water Level Information:

Relateid:	0000163169	Meas type:	Well installation
Meas date:	19790813		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	0		
Measuremt:	77.6		
Meas elev:	831.4		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19920723		
Updt date:	20011026		

Pump Test Information:

Relateid:	0000163169
Pumptestid:	1
Test date:	19790813
Start meas:	77.6
Flow rate:	120
Duration:	10
Pump meas:	92.4

G22
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000566879**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	MN040-465053096433801		
Monloc name:	139N48W15CDDCDA01		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8480183
Longitude:	-96.7275797	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	909
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Confined single aquifer		
Construction date:	19720215	Welldepth:	145
Welldepth units:	ft	Wellholedepth:	145
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

G23
WNW
1/2 - 1 Mile
Higher

MN WELLS **MN5000000063494**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000215495	County c:	Clay
Unique no:	00215495	Wellname:	SAFGREN, MRS. BERTHA
Township:	139	Range:	48
Range dir:	W	Section:	15
Subsection:	CDDCDA	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Name on mailbox
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	145		
Depth comp:	143		
Date drll:	19720215		
Case diam:	4		
Case depth:	137		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19921103		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QFUU	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	215824		
Utmn:	5195036		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	215495	Swlcount:	1
Swldate:	19720215		
Swlavgmeas:	73		
Swlavgelev:	836		
Site id:	MN5000000063494		

Address Information:

Relateid:	0000215495	Name:	SAFGREN, MRS. BERTHA
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19921103		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000215495	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Y	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4AM11
Pump hp:	.5		
Pump volts:	220		
Dropp len:	123		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	AVERSON, D.		
Entry date:	19880407		
Updt date:	20000714		

Historic Water Level Information:

Relateid:	0000215495	Meas type:	Well installation
Meas date:	19720215		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	73		
Meas elev:	836		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	20000714		

Pump Test Information:

Relateid:	0000215495
Pumptestid:	1
Test date:	19720200
Start meas:	73
Flow rate:	4
Duration:	Not Reported
Pump meas:	104

24
ENE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000059532**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000445120	County c:	Clay
Unique no:	00445120	Wellname:	CHRISTMAN, STEVE
Township:	139	Range:	48
Range dir:	W	Section:	23
Subsection:	AAADAB	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	227		
Depth comp:	223		
Date drll:	19880729		
Case diam:	4		
Case depth:	219.899993896484		
Grout:	Well grouted, type unknown	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19930402		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	SB
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	N		
Entry date:	19910108		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	218340		
Utmn:	5194739		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	445120	Swlcount:	1
Swldate:	19880729		
Swlavgmeas:	179		
Swlavgelev:	730		
Site id:	MN5000000059532		

Address Information:

Relateid:	0000445120	Name:	CHRISTMAN, STEVE
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19910108		
Updt date:	19930402		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000445120	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	2		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Y
Pump date:	19880802		
Pump mfg:	BERKELEY	Pump model:	10MG10
Pump hp:	.75		
Pump volts:	230		
Dropp len:	210		
Dropp mat:	G		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SALAZAR, B.		
Entry date:	19910108		
Updt date:	20000713		

Historic Water Level Information:

Relateid:	0000445120	Meas type:	Well installation
Meas date:	19880729		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	179		
Meas elev:	730		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19910108		
Updt date:	20000713		

Pump Test Information:

Relateid:	0000445120
Pumptestid:	1
Test date:	19880700
Start meas:	179
Flow rate:	6.5
Duration:	6.25
Pump meas:	194

H25
ESE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000163564**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000516292	County c:	Clay
Unique no:	00516292	Wellname:	MAZOUR, CRAIG
Township:	139	Range:	48
Range dir:	W	Section:	24
Subsection:	CBBBCA	Mgsquad c:	Sabin
Elevation:	913		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Not Reported
Loc src:	Minnesota Department of Health	Data src:	Ltp Enterprises
Depth drll:	272		
Depth comp:	261		
Date drll:	19921104		
Case diam:	4		
Case depth:	257		
Grout:	Well grouted, type unknown	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	20020917		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	N		
Entry date:	19930510		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MDH	Geoc prg:	WHP
Utme:	218378		
Utmn:	5193987		
Geoc entry:	210019		
Geoc date:	20000914		
Geocupd en:	210019		
Geocupd da:	20040618		
Rcvd date:	0		
Well label:	516292	Swlcount:	1
Swldate:	19921104		
Swlavgmeas:	20		
Swlavgelev:	893		
Site id:	MN5000000163564		

Address Information:

Relateid:	0000516292	Name:	MAZOUR, CRAIG
Addtype c:	Both	House no:	RR 2
Street:	BOX 193	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19930510		
Updt date:	19930516		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000516292	Drill meth:	Non-specified Rotary
Drill flud:	Bentonite	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	MONITOR	Ptlss mdl:	4 X 5
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Not Reported
Pump date:	19921105		
Pump mfg:	MYERS	Pump model:	N512R
Pump hp:	.5		
Pump volts:	230		
Dropp len:	105		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SALAZAR, B.		
Entry date:	Not Reported		
Updt date:	20020917		

Historic Water Level Information:

Relateid:	0000516292	Meas type:	Well installation
Meas date:	19921104		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	20		
Meas elev:	893		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19930510		
Updt date:	20020917		

Pump Test Information:

Relateid:	0000516292
Pumptestid:	1
Test date:	19921104
Start meas:	20
Flow rate:	100
Duration:	12
Pump meas:	70

Remarks Information:

Relateid:	0000516292
Seq no:	1
Remarks:	TEST HOLE 1/WELL 1

Remarks Information:

Relateid:	0000516292
Seq no:	2
Remarks:	CASING WEIGHT: CLASS 200

H26
ESE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000216553**

Relateid:	0000516291	County c:	Clay
Unique no:	00516291	Wellname:	KREPS, STEVE
Township:	139	Range:	48
Range dir:	W	Section:	24
Subsection:	CBBCAB	Mgsquad c:	Sabin
Elevation:	913		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Tag on well
Loc src:	County	Data src:	Ltp Enterprises
Depth drll:	227		
Depth comp:	224		
Date drll:	19921106		
Case diam:	0		
Case depth:	0		
Grout:	Well grouted, type unknown	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	20020917		
Strat upd:	20100406		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	N		
Entry date:	19930510		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	218400		
Utmn:	5193920		
Geoc entry:	619032		
Geoc date:	20100216		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	516291	Swlcount:	1
Swldate:	19921106		
Swlavgmeas:	31		
Swlavgelev:	882		
Site id:	MN5000000216553		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address Information:

Relateid:	0000516291	Name:	KREPS, STEVE
Addtype c:	Both	House no:	3380
Street:	50TH	Road type:	Street
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19930510		
Updt date:	20100202		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000516291	Drill meth:	Non-specified Rotary
Drill flud:	Bentonite	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	MONITOR	Ptlss mdl:	4 X 5
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Not Reported
Pump date:	19921106		
Pump mfg:	MYERS	Pump model:	N512R
Pump hp:	.5		
Pump volts:	230		
Dropp len:	63		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SALAZAR, B.		
Entry date:	Not Reported		
Updt date:	20020917		

Historic Water Level Information:

Relateid:	0000516291	Meas type:	Well installation
Meas date:	19921106		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	31		
Meas elev:	882		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19930510		
Updt date:	20100318		

Id Information:

Relateid:	0000516291	Identifier:	210244601
Id type:	CNTY	Id prog:	PID

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Test Information:

Relateid:	0000516291
Pumptestid:	1
Test date:	19921106
Start meas:	31
Flow rate:	150
Duration:	4
Pump meas:	42.5

Remarks Information:

Relateid:	0000516291
Seq no:	1
Remarks:	TEST HOLE 1

Remarks Information:

Relateid:	0000516291
Seq no:	2
Remarks:	75' E OF HOUSE

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
56560	400	0.0	39.2	6.2	238	162

Federal EPA Radon Zone for CLAY County: 1

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

Federal Area Radon Information for Zip Code: 56560

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	4.700 pCi/L	50%	50%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	11.167 pCi/L	17%	83%	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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

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 H
CHAIN OF TITLE / ENVIRONMENTAL LIENS

Not provided

APPENDIX I
CORRESPONDENCE

Parcel Report

Parcel Number: 58.417.0100

General Information

Taxpayer Name:	SUNRICH
Taxpayer Address:	PO BOX 128 HOPE MN 56046-0128
Physical [E911] Address:	4111 30TH AVE S MOORHEAD MN 56560
Deeded Acres:	4.9800
Subdivision:	MCCARAS 1ST ADD
Section/Township/Range:	
Year Built:	
Legal Description:	SubdivisionName MCCARAS 1ST ADD Lot 001 Block 003 SubdivisionCd 58417 & LOT 2

Tax Information

Tax Year:	2015
Property Classification:	305 Industrial
Land Market Value:	$325,600.00
Building Market Value:	$1,209,100.00
Total Market Value:	$1,534,700.00
Property Tax:	
Special Assessments:	$7,313.42
Tax & Special Assessments:	

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road · Moorestown, New Jersey 08057 · 856-813-3000 · Fax 856-813-1068

July 20, 2018

City of Moorhead
Planning & Neighborhood Services Department
500 Center Ave
Moorhead, MN 56561-0779

Re: Moorhead
4111 30th Avenue South
Parcel: 58.417.0100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20181063

Dear Freedom of Information Officer:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we wish to determine whether government agencies possess records on the subject property that may include potential environmental concerns. We request information on the following:

- **Permits, reports, and information for Underground or Aboveground Storage Tanks (UST/AST), oil / water separator or clarifier installation or removal any current or previous building at the property**
- **Permits for flammable materials storage**
- **Permits of asbestos removal**
- **Permits for the installation or decommissioning of drinking water wells & septic systems**
- **Demolition/renovation permits for the current building of any other prior building on this property**
- **Any known spills, releases, hazardous materials**

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road • Moorestown, New Jersey 08057 • 856-813-3000 • Fax 856-813-1068

July 20, 2018

City of Moorhead
Planning & Neighborhood Services Department
500 Center Ave
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Re: Moorhead
4111 30th Avenue South
Parcel: 58.417.0100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20181063

Dear Freedom of Information Officer:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we wish to determine whether government agencies possess records on the subject property that may include potential concerns. We request information on the following:

- **Any known or suspected potential environmental issues at the property or area of the subject property**
- **Historical use of the subject property**
- **Any special requirements per planning / zoning due to potential environmental concerns in the area**

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

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Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

****
*** FAX TX REPORT ***
****

TRANSMISSION OK

JOB NO.	1068
DESTINATION ADDRESS	12182995072
SUBADDRESS	
DESTINATION ID	
ST. TIME	07/20 12:01
TX/RX TIME	00' 34
PGS.	1
RESULT	OK

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road · Moorestown, New Jersey 08057 · 856-813-3000 · Fax 856-813-1068

July 20, 2018

City of Moorhead
Fire Department
111 12 St N
Moorhead MN 56560
FAX: 218.299.5072

RE: Moorhead
4111 30th Avenue South
Parcel: 58.417.0100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20181063

Dear Freedom of Information Officer:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we wish to determine whether government agencies possess records on the subject property that may include potential concerns. We request information on the following:

- **Outstanding fire code violations associated with storage / handling / use of flammable or hazardous materials**
- **Fires or spills**
- **Permits for Underground or Aboveground Storage Tanks (UST/AST), installation or removal**
- **Any known storage of hazardous materials or petroleum products**

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

☐ No Files for subject property or address
Name: _____

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road · Moorestown, New Jersey 08057 · 856-813-3000 · Fax 856-813-1068

July 20, 2018

City of Moorhead
Fire Department
111 12 St N
Moorhead MN 56560
FAX: 218.299.5072

RE: Moorhead
4111 30th Avenue South
Parcel: 58.417.0100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20181063

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Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we wish to determine whether government agencies possess records on the subject property that may include potential concerns. We request information on the following:

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- **Fires or spills**
- **Permits for Underground or Aboveground Storage Tanks (UST/AST), installation or removal**
- **Any known storage of hazardous materials or petroleum products**

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road · Moorestown, New Jersey 08057 · 856-813-3000 · Fax 856-813-1068

July 20, 2018

City of Moorhead
Public Works Department
500 Center Ave
Moorhead, MN 56561-0779

Re: Moorhead
4111 30th Avenue South
Parcel: 58.417.0100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20181063

To Whom It May Concern:

Property Solutions Inc. is conducted a Phase I Environmental Assessment of the aforementioned property. As part of the property assessment, we wish to determine the water and sewer provider of the subject property.

If the **city of Moorhead** is indeed the water and sewer provider, please provide me with the following information:

- Date of water connection
- Water violations
- Date of municipal sewer connection
- Special sewer discharge permits
- Copy of the most recent water quality report

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road · Moorestown, New Jersey 08057 · 856-813-3000 · Fax 856-813-1068

July 20, 2018

Xcel Energy
Environmental Division
414 Nicollet Mall
Minneapolis, MN 55401

Re: Moorhead
4111 30th Avenue South
Parcel: 58.417.0100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20181063

To Whom It May Concern:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we verify that **Xcel Energy** provides power to the subject property. Property Solutions Inc also requests information regarding the PCB content (or if manufactured as non-PCB) and records of leaks, fires or explosions in regard to any current or previous transformers located at the property.

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Property Solutions INC.
Environmental & Engineering Consulting

323 New Albany Road · Moorestown, New Jersey 08057 · 856-813-3000 · Fax 856-813-1068

July 20, 2018

Clay County
Public Health Department - Environmental Services
715 11th St. N.
Moorhead, MN 56560

RE: Moorhead
4111 30th Avenue South
Parcel: 58.417.0100
Moorhead, Clay County, Minnesota 56560
Property Solutions Inc Project #: 20181063

Dear Freedom of Information Officer:

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of a property assessment, we wish to determine whether government agencies possess records on the subject property that may include potential environmental concerns. We request information on the following:

- **Permits, reports, and information for Underground or Aboveground Storage Tanks (UST/AST), oil / water separator or clarifier installation or removal any current or previous building at the property**
- **Lead based paint information, issues, or lead poisonings reported at the property**
- **Asbestos information, removal, or abatement at the property**
- **Environmental health code violations**
- **Permits for the installation or decommissioning of drinking water wells & septic systems**
- **Water supply concerns**

If you have any questions, please call me at 856-813-3000 ext 245, or email me at ecoordinator@propertysolutionsinc.com. If you have no information on the property, please fill in the box below and fax back to me at 856-813-1073. Thank you for your assistance.

Sincerely,
Property Solutions Inc.

Lyla Gray-Etherson, Environmental Coordinator
ecoordinator@propertysolutionsinc.com
856-813-3000 ext 245

☐ No Files for subject property or address
Name: _____
Title: _____
Phone: _____

X _____ _____
Signature Date

Lyla Gray-Etherson

From: environmental coordinator
Sent: Friday, July 20, 2018 11:01 AM
To: 'recordsmanagementintaketriage.pca@state.mn.us'
Subject: 20181063/64/67/68/70/71 Requests
Attachments: Information request form.pdf; Information Request Form_5.pdf; Information Request Form.pdf; Information Request Form_2.pdf; Information Request Form_3.pdf; Information Request Form_4.pdf; Information Request Form.pdf; Information Request Form_2.pdf; Information Request Form.pdf; Information Request Form.pdf; Information Request Form.pdf

Lyla Gray-Etherson
Environmental Coordinator
Property Solutions INC.
323 New Albany Road
Moorestown, NJ 08057
Phone: (856) 813-3000 x245
E-mail: ecoordinator@propertysolutionsinc.com
Website **Company** **Personal**

MINNESOTA POLLUTION CONTROL AGENCY
520 Lafayette Road North
St. Paul, MN 55155-4194

Information request form

Records Management

Doc Type: Information Request Form

Prior to submitting this form, *please verify* that the information you are requesting is not already available through the following Minnesota Pollution Control Agency (MPCA) online link: https://www.pca.state.mn.us/environmental-data.

Use this form with Internet Explorer web browser to request information from the MPCA. If you have questions, please contact the MPCA Records Management Intake/Triage staff at recordsmanagementintaketriage.pca@state.mn.us or call 651-757-2728 or 1-844-828-0942.

1. Please fill out one form for each Information Request. Up to 10 requests processed per day, per requestor.
2. Complete the form and click on the "Submit" button at bottom of form to place it into your email.
3. To ensure you are using the most updated request form, please go to the MPCA website for every new request.
4. You will receive an email response with the name of your file manager once your request is assigned, and then again when it is completed.

Requester information

(If a requester chooses not to give any identifying information, the MPCA will provide him/her with contact information so that he/she will be able to check on the status of his/her request. However, if the agency file manager handling the request has questions about it but is unable to contact the requester for clarification, this may result in a delay in processing the request.)

Date (mm/dd/yyyy): 07/20/2018

*Requester name: Lyla Gray-Etherson *Phone number: (856) 813-3000

*Requester email address: ecoordinator@propertysolutionsinc.com

*Organization name: Property Solutions Inc

*Organization or requester billing address: 323 New Albany Road, Moorestown, NJ 08057
(Address, Street, City, State, Zip)

Site/Facility information

*(If you are requesting information about a specific site or facility, all the fields marked with an asterisk(*) are **required** to be filled in before the form will submit. **If no site/facility** is associated with this request, then you may enter N/A. Please note that failure to include required information will delay your request and may increase your cost.)*

*Site/Facility name: Moorhead Previous site/ facility name:

*Site address/location: 4111 30th Avenue South

*City: Moorhead *Zip code: 56560 *County: Clay

Program(s):

*MPCA Preferred ID or Site ID from WIMN (e.g., leak #, permit #, haz waste #):

Current public notice item ☐ Yes ☐ No

*Area of interest (check one box only)

- ☐ Air quality (*emission information, monitoring data, modeling, etc.*)
- ☒ Land programs (*solid waste, hazardous waste, and above and underground storage tanks*)
- ☐ Water quality (*assessment, monitoring, and watershed*)
- ☐ Standards, rulemaking, policies, etc.

Information requested - Describe the information that you need (be as specific as you can):

Property Solutions Inc. is conducting a Phase I Environmental Assessment of the aforementioned property. As part of the property assessment, we wish to determine whether government agencies possess any records on the subject property or area wide issues that the property be included in that include potential environmental concerns. Please provide any information regarding any AST / UST, PCBs, spills / releases, petroleum and hazardous materials use, storage, or disposal activities, vapor intrusion, contaminated groundwater, solid waste disposal, asbestos, deed notices, and activities and use limitations.

*☒ **Yes - I acknowledge and agree by submitting this *Information request form* that I may be subject to costs as per the current costs schedule.** (The costs schedule can be found on the *Estimate for copy services form*. This form can be found on the MPCA Information Requests website at https://www.pca.state.mn.us/about-mpca/information-requests.)
I also agree to pay all costs within 30 days of the invoice date.

Submit

Reset

From: Kristie Leshovsky <kristie.leshovsky@ci.moorhead.mn.us>
Sent: Wednesday, July 25, 2018 12:30 PM
To: environmental coordinator
Cc: Chad Stangeland; bruce.jaster@co.clay.mn.us; Jack Nyberg
Subject: #20181063
Attachments: CUP.PDF

RE: 4111 30th Ave S, Moorhead, MN
Parcel 584170100
Property Solutions Inc #20181063

Lyla:

We have received your letters dated July 20 for the above noted property. The letters and related information request were sent to Moorhead Fire, Moorhead Building Codes, and Clay County Environmental Health officials (cc'd on this email) who relayed the following:

- Moorhead Fire – Chad Stangeland: no records of tank installations or removal, which would include flammable material storage. One fire response which included a spill – please contact Chad Stangeland if further information is needed.
- Clay County Environmental Health – Bruce Jaster: no records on the property
- Moorhead Building Codes – Jack Nyberg: There are a number of building permits for the site. Can you please elaborate on what permits you are requesting copies of?
- Moorhead Planning and Zoning – Kristie Leshovsky: One Conditional Use Permit was found (attached).

Please let me know if there's any additional information you need.

Have a great day,
Kristie

Kristie Leshovsky, AICP
City Planner & Zoning Administrator
City of Moorhead
500 Center Avenue - Moorhead, MN 56561-0779
218.299.5332

1-1

RESOLUTION

WHEREAS, Busch Agricultural Resources Inc has requested a conditional use permit to allow construction of 4 storage silos and related conveyance equipment to their existing facility at 4111 30th Avenue South, which is legally described as:

Lots 1 and 2 of Block 3 of McCara's First Addition; and

WHEREAS, the Moorhead Planning Commission held a public hearing for said conditional use permit request on February 21, 1997 and recommended approval with one condition.

NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of Moorhead that the conditional use permit request of Busch Agricultural Resources Inc to construct 4 storage silos and related conveyance equipment is approved with the following condition:

1. Any lighting for the storage facility must be directed away from the public right-of-way and installed in compliance with Section 10-10-10 of the Moorhead Zoning Ordinance.

PASSED by the City Council of the City of Moorhead this 3rd day of March, 1997.

APPROVED BY:

Morris L. Lanning
MORRIS L. LANNING, Mayor

ATTEST:

Kaye E. Buchholz
KAYE E. BUCHHOLZ, City Clerk

(SEAL)

STATE OF MINNESOTA, COUNTY OF CLAY } ss.

I hereby certify that the within instrument was filed in this office for record on the 20th day of March A.D. 19 97 at 8:00 o'clock A M., and was duly recorded on Document # 499626

Bonnie Rehder
County Recorder

Karen K. Sauer
Deputy.

Org-1 Mhd City (Kaye)

Prepared by: City of Moorhead

#97-301-C
(Consent Agenda)

From: Mark Moilanen <mmoilanen@mpsutility.com>
Sent: Wednesday, July 25, 2018 11:03 AM
To: environmental coordinator
Cc: Pam Priem
Subject: Project 20181063 Information Requested
Attachments: 20180725090112.pdf; 2017 CCR-FINAL 5-31-2018.pdf

Lyla,
See below in response to your bullet points in your attached "request for information letter" dated July 20, 2018:

Date of Water Connection - 06/02/2005
Water Violations - None
Date of Municipal Sewer connection - City waste water to provide (phone 218-299.5386)
Special sewer discharge permits - City waster water to provide (phone 218-299.5386)
Copy of most recent water quality report - see attached.

Please let me know if you need additional information. A copy of the letter has been sent to the city waste water department.

Thank you,
mark

Mark Moilanen
Controller
Moorhead Public Service
PO Box 779
Moorhead, MN 56561-0779
P: 218.477.8006

Disclaimer

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

This email has been scanned for viruses and malware, and may have been automatically archived by **Mimecast Ltd**, an innovator in Software as a Service (SaaS) for business. Providing a **safer** and **more useful** place for your human generated data. Specializing in; Security, archiving and compliance. To find out more Click Here.

MOORHEAD[SM] PUBLIC SERVICE
connecting our community

2017 DRINKING WATER REPORT

For Non-English Speaking Customers:

This report contains important information about your drinking water. Have someone translate it for you, or speak with someone who understands it.

Información importante. Si no la entiende, haga que alguien se la traduzca ahora.

Daim ntawv teev num no muaj cov ntaub ntawv tseem ceeb hais txog koj cov dej haus. Nrhiav ib tug neeg pab txhais cov ntaub ntawv no rau koj, lossis tham nrog ib tug neeg uas paub cov lus no.

Source Water

Your drinking water in Moorhead comes from the following groundwater and surface water sources—surface water drawn from the Red River and seven wells ranging from 114 to 273 feet deep that draw water from the Quaternary Buried Unconfined and Quaternary Buried Artesian aquifers.

Moorhead Public Service (MPS) works diligently to provide you with safe and reliable drinking water that meets federal and state water quality requirements. The results of monitoring done on MPS' drinking water for the period from January 1 to December 31, 2017, are issued in this Consumer Confidence Report (CCR). The purpose of this report is to provide you with information about your drinking water and how to protect our precious water resources.

Please contact MPS' Water Plant Supervisor Marc Pritchard at 218-477-8070 or at mpritchard@mpsutility.com with any questions you have about Moorhead's drinking water. You can also request information on how you can take part in decisions that may affect water quality.

The U.S. Environmental Protection Agency (EPA) sets safe drinking water standards. These standards limit the amounts of specific contaminants allowed in drinking water. This ensures that tap water is safe to drink for most people. The U.S. Food and Drug Administration regulates the amount of certain contaminants in bottled water. Bottled water must provide the same public health protection as public tap water.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at 800-426-4791.

Monitoring Results

This report contains MPS' monitoring results from January 1 to December 31, 2017.

MPS works with the Minnesota Department of Health to test drinking water for more than 100 contaminants. It is not unusual to detect contaminants in small amounts. No water supply is ever completely free of contaminants. Drinking water standards protect Minnesotans from substances that may be harmful to their health.

Learn more at Minnesota Department of Health's Web page on the "Basics of Monitoring and Testing of Drinking Water in Minnesota":

http://www.health.state.mn.us/divs/eh/water/factsheet/com/sampling.html

How to Read the Water Quality Data Tables

The tables in this report show the contaminants found in 2017, or the most recent time that samples were collected for that contaminant. The tables also show the levels of those contaminants and the EPA's limits. Substances that MPS tested for but did not find are not included in the tables.

MPS collects samples less than once a year for certain contaminants because their levels in water are not expected to change from year-to-year. If MPS found any of these certain contaminants in the last samples that were collected, they are included in the tables herein with the detection date.

MPS and/or the Minnesota Department of Health may have done additional monitoring for contaminants that are not included in the Safe Drinking Water Act. To request a copy of the results of this additional monitoring, call the Minnesota Department of Health at 651-201-4700 or 800-818-9318 between 8:00 AM and 4:30 PM, Monday through Friday.

Definitions

- **AL (Action Level)**: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
- **EPA:** Environmental Protection Agency
- **MCL (Maximum contaminant level)**: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- **MCLG (Maximum contaminant level goal)**: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- **Level 1 Assessment**: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in the water system.
- **Level 2 Assessment**: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in the water system on multiple occasions.
- **MRDL (Maximum residual disinfectant level)**: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

- **MRDLG (Maximum residual disinfectant level goal)**: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- **NA (Not applicable)**: Does not apply.
- **NTU (Nephelometric Turbidity Units)**: A measure of the cloudiness of the water (turbidity).
- **pCi/l (picocuries per liter)**: A measure of radioactivity.
- **ppb (parts per billion)**: One part per billion in water is equivalent to one drop in one billion drops of water, or about one drop in a swimming pool. ppb is the same as micrograms per liter (µg/l).
- **ppm (parts per million)**: One part per million is equivalent to one drop in one million drops of water, or about one cup in a swimming pool. ppm is the same as milligrams per liter (mg/l).
- **PWSID**: Public water system identification.
- **TT (Treatment Technique):** A required process intended to reduce the level of a contaminant in drinking water.
- **Variances and Exemptions**: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Water Quality Data Tables

LEAD AND COPPER – Tested at customer taps.						
Contaminant (Date included if sampled in previous year)	**EPA's Action Level**	**EPA's Ideal Goal** (MCLG)	**90% of Results Were Less Than**	**Number of Homes with High Levels**	**Violation**	**Typical Sources**
Lead (08/01/16)	90% of homes less than 15 ppb	0 ppb	4.9 ppb	0 out of 31	NO	Corrosion of household plumbing.
Copper (08/01/16)	90% of homes less than 1.3 ppm	0 ppm	0.07 ppm	0 out of 31	NO	Corrosion of household plumbing.

INORGANIC & ORGANIC CONTAMINANTS – Tested in drinking water.						
Contaminant (Date included if sampled in previous year)	**EPA's Limit** (MCL)	**EPA's Ideal Goal** (MCLG)	**Highest Average or Highest Single Test Result**	**Range of Detected Test Results**	**Violation**	**Typical Sources**
Arsenic	10.4 ppb	0 ppb	1.03 ppb	N/A	NO	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.
Nitrate	10.4 ppm	10 ppm	0.57 ppm	N/A	NO	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Water Quality Data Tables (continued)

CONTAMINANTS RELATED TO DISINFECTION – Tested in drinking water.						
Substance (Date included if sampled in previous year)	**EPA's Limit** (MCL or MRDL)	**EPA's Ideal Goal** (MCLG or MRDLG)	**Highest Average or Highest Single Test Result**	**Range of Detected Test Results**	**Violation**	**Typical Sources**
Bromate	10 ppb	0 ppb	4.3 ppb	0.0 to 8.6 ppb	NO	Byproduct of drinking water disinfection.
Total Chlorine	4.0 ppm	4.0 ppm	2.29 ppm	1.9 to 2.4 ppm	NO	Water additive used to control microbes.
Total Trihalomethanes (TTHMs)	80 ppb	N/A	0.8 ppb	0 to 1.2 ppb	NO	By-product of drinking water disinfection.
Total Haloacetic Acids (HAA)*	60 ppb	N/A	6.3 ppb	1.2 to 4.9 ppb	NO	By-product of drinking water disinfection.

*Total HAA refers to HAA5.

OTHER SUBSTANCES – Tested in drinking water.						
Substance (Date included if sampled in previous year)	**EPA's Limit** (MCL)	**EPA's Ideal Goal** (MCLG)	**Highest Average or Highest Single Test Result**	**Range of Detected Test Results**	**Violation**	**Typical Sources**
Fluoride	4.0 ppm	4.0 ppm	0.7 ppm	0.62 - 0.73 ppm	NO	Erosion of natural deposits; Water additive to promote strong teeth.

TREATMENT INDICATOR – Tested during treatment.					
Substance	**Removal Required**	**Lowest Monthly Percent of Results in Compliance**	**Highest Test Result**	**Violation**	**Typical Sources**
Turbidity	Treatment Technique	100%	0.21 NTU	NO	Soil runoff.

DETECTED IN RAW SURFACE WATER - Tested before treatment.						
Substance	**Highest Level Allowed**	**Highest Level Detected (oocysts/L)**	**Range Detected**	**Average Level (oocysts/L)**	**Violation**	**Typical Sources**
Cryptosporidium	N/A	0.300 oocysts/L	0.100 to 0.300	0.021 oocysts/L	NO	Human and animal fecal waste.

Water Quality Data Tables (continued)

DISINFECTION BYPRODUCT INDICATOR – Tested in source water and in drinking water.					
Substance	**Removal Required**	**Range of Percent Removal Achieved**	**Average of Percent Removal Achieved**	**Violation**	**Typical Sources**
Total Organic Carbon	Variable	46 to 73%	64%	NO	N/A

The percentage of Total Organic Carbon (TOC) removal was measured each month. The system met all TOC removal requirements, unless there is a "YES" in the Violation column.

Potential Health Effects and Corrective Actions (if applicable)

Fluoride. Fluoride is nature's cavity fighter, with small amounts present naturally in many drinking water sources. There is an overwhelming weight of credible, peer-reviewed, scientific evidence that fluoridation reduces tooth decay and cavities in children and adults, even when there is availability of fluoride from other sources, such as fluoride toothpaste and mouth rinses. Since studies show that optimal fluoride levels in drinking water benefit public health, municipal community water systems adjust the level of fluoride in the water to a concentration between 0.5 to 1.5 parts per million (ppm), with an optimal fluoridation goal between 0.7 and 1.2 ppm to protect your teeth. Fluoride levels below 2.0 ppm are not expected to increase the risk of a cosmetic condition known as enamel fluorosis.

Some People Are More Vulnerable to Contaminants in Drinking Water

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. The developing fetus and therefore pregnant women may also be more vulnerable to contaminants in drinking water. These people or their caregivers should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Learn More about Your Drinking Water

Drinking Water Sources

Minnesota's primary drinking water sources are groundwater and surface water. Groundwater is the water found in aquifers beneath the surface of the land. Groundwater supplies 75 percent of Minnesota's drinking water. Surface water is the water in lakes, rivers, and streams above the surface of the land. Surface water supplies 25 percent of Minnesota's drinking water.

Contaminants can get in drinking water sources from the natural environment and from people's daily activities. There are five main types of contaminants in drinking water sources.

- **Microbial contaminants,** such as viruses, bacteria, and parasites. Sources include sewage treatment plants, septic systems, agricultural livestock operations, pets, and wildlife.
- **Inorganic contaminants** include salts and metals from natural sources (e.g. rock and soil), oil and gas production, mining and farming operations, urban stormwater runoff, and wastewater discharges.
- **Pesticides and herbicides** are chemicals used to reduce or kill unwanted plants and pests. Sources include agriculture, urban stormwater runoff, and commercial and residential properties.
- **Organic chemical contaminants** include synthetic and volatile organic compounds. Sources include industrial processes and petroleum production, gas stations, urban stormwater runoff, and septic systems.
- **Radioactive contaminants** such as radium, thorium, and uranium isotopes come from natural sources (e.g. radon gas from soils and rock), mining operations, and oil and gas production.

The Minnesota Department of Health provides information about your drinking water source(s) in a source water assessment, including:

- How MPS is protecting your drinking water source(s);
- Nearby threats to your drinking water sources;
- How easily water and pollution can move from the surface of the land into drinking water sources, based on natural geology and the way wells are constructed.

Find your source water assessment at http://www.health.state.mn.us/divs/eh/water/swp/swa/ or call 651-201-4700 or 1-800-818-9318 between 8:00 AM and 4:30 PM, Monday through Friday.

Lead in Drinking Water

You may be in contact with lead through paint, water, dust, soil, food, hobbies, or your job. Coming in contact with lead can cause serious health problems for everyone. There is no safe level of lead. Babies, children under six years, and pregnant women are at the highest risk.

Lead is rarely in a drinking water source, but it can get in your drinking water as it passes through lead service lines and your household plumbing system. MPS provides high quality drinking water, but it cannot control the plumbing materials used in private buildings.

Read below to learn how you can protect yourself from lead in drinking water.

1. **Let the water run** for 30 to 60 seconds before using it for drinking or cooking if the water has not been turned on in over six hours. If you have a lead service line, you may need to let the water run longer. A service line is the underground pipe that brings water from the watermain under the street to your home.
    - You can find out if you have a lead service line by contacting your public water system, or you can check by following the steps at: https://www.mprnews.org/story/2016/06/24/npr-find-lead-pipes-in-your-home
    - The only way to know if lead has been reduced by letting it run is to check with a test. If letting the water run does not reduce lead, consider other options to reduce your exposure.

2. **Use cold water** for drinking, making food, and making baby formula. Hot water releases more lead from pipes than cold water.

3. **Test your water.** In most cases, letting the water run and using cold water for drinking and cooking should keep lead levels low in your drinking water. If you are still concerned about lead, arrange with a laboratory to test your tap water. Testing your water is important if young children or pregnant women drink your tap water.
    - Contact a Minnesota Department of Health accredited laboratory to get a sample container and instructions on how to submit a sample. The Minnesota Department of Health can help you understand your test results.

4. **Treat your water** if a test shows your water has high levels of lead after you let the water run.
    - Read about water treatment units at: http://www.health.state.mn.us/divs/eh/water/factsheet/com/poulead.html

Learn more:

- Visit http://www.health.state.mn.us/divs/eh/water/contaminants/lead.html#Protect.
- Visit http://www.epa.gov/safewater/lead.
- Call the EPA Safe Drinking Water Hotline at 1-800-426-4791.
- To learn about how to reduce your contact with lead from sources other than your drinking water, visit http://www.health.state.mn.us/divs/eh/lead/sources.html.

MOORHEAD℠ PUBLIC SERVICE
connecting our community

Moorhead Public Service
500 Center Avenue, Second Floor
P.O. Box 779
Moorhead, MN 56561-0779
Tel. 218-477-8000, Option 4
www.mpsutility.com
www.facebook.com/mpsutility

CONSUMER CONFIDENCE REPORT

2016 Drinking Water Report

Moorhead Public Service is issuing the results of monitoring done on its drinking water for the period from January 1 to December 31, 2016. The purpose of this report is to advance consumers' understanding of drinking water and heighten awareness of the need to protect precious water resources.

Source of Water

Moorhead Public Service provides drinking water to its residents from the following groundwater and surface water sources:

- Surface water drawn from the Red River of the North.
- Seven wells, ranging from 114 to 273 feet deep, draw water from the Quaternary Buried Artesian and Quaternary Buried Unconfined aquifers.

The Minnesota Department of Health has made a determination as to how vulnerable our system's source(s) of water may be to future contamination incidents. If you wish to obtain the entire source water assessment regarding your drinking water, please call 651-201-4700 or 800-818-9318 (and press 5) during normal business hours. Also, you can view it on-line at www.health.state.mn.us/divs/eh/water/swp/swa.

Call 218-477-8070 if you have questions about Moorhead Public Service's drinking water or would like information about opportunities for public participation in decisions that may affect the quality of the water.

Results of Monitoring

No contaminants were detected at levels that violated federal drinking water standards. However, some contaminants were detected in trace amounts that were below legal limits. The table that follows shows the contaminants that were detected in trace amounts last year. (Some contaminants are sampled less frequently than once a year; as a result, not all contaminants were sampled for in 2016. If any of these contaminants were detected the last time they were sampled for, they are included in the table along with the date that the detection occurred.)

Abbreviations used in this report:

- **MCLG** –Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- **MCL** – Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- **MRDL** – Maximum Residual Disinfectant Level.
- **MRDLG** – Maximum Residual Disinfectant Level Goal.

PWSID: 1140008

- **AL** – Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirement which a water system must follow.
- **90th Percentile Level** – This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which ten samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note that, in situations in which only five samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.
- **ppm** – Parts per million, which can also be expressed as milligrams per liter (mg/l).
- **ppb** – Parts per billion, which can also be expressed as micrograms per liter (µg/l).
- **nd** – No Detection.
- **N/A** – Not Applicable (or does not apply).
- **TT** – Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

Contaminant (units)	MCLG	MCL	Level Found		Typical Source of Contaminant
			Range (2016)	Avg/ Result[A]	
Bromate (ppb)	0	10	nd-9.0	2.87	By-product of drinking water disinfection.
Fluoride (ppm)	4	4	0.66-0.72	0.76	State of Minnesota requires all municipal water systems to add fluoride to the drinking water to promote strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories.
Haloacetic Acids (HAA5) (ppb)	0	60	1.8-10.0	7.45	By-product of drinking water disinfection.
Nitrate (as Nitrogen) (ppm)	10.4	10.4	N/A	0.11	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
TTHM (Total trihalomethanes) (ppb)	0	80	nd-1.1	1.0	By-product of drinking water disinfection.
Total Coliform Bacteria	0 present	>5% present	N/A	0%[B]	Naturally present in the environment.

Contaminant (units)	MCLG	MCL	[C]	[D]	Typical Source of Contaminant
Turbidity (NTU)	N/A	TT	100.0%	0.15 NTU	Soil runoff.

Turbidity is a measure of the clarity of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system.

[A] This the value used to determine compliance with federal standards. It sometimes is the highest value detected and sometimes is an average of all the detected values. If it is an average, it may contain sampling results from the previous year.
[B] This value indicates the maximum percentage of samples determined present in a month. In all, 0 of 480 samples collected in 2016 were present for total coliform bacteria.
[C] Lowest monthly percentage of samples meeting the turbidity limits.
[D] Highest single measurement.

Contaminant (units)	MRDLG	MRDL	[E]	[F]	Typical Source of Contaminant
Chlorine (ppm)	4	4	2.0-2.5	2.38	Water additive used to control microbes.

Contaminant	Unit	% Removal Required	% Removal Achieved	# of Quarters out of Compliance	Typical Source of Contaminant
Total Organic Carbon	% Removed	25.0-30.0%	36.7-73.9%	0	Naturally present in the environment.

Contaminant (units)	MCLG	AL	90% Level	# sites over AL	Typical Source of Contaminant
Copper (ppm)	1.3	1.3	0.07	0 out of 30	Corrosion of household plumbing systems; Erosion of natural deposits.
Lead (ppb)	0	15.0	4.9	0 out of 30	Corrosion of household plumbing systems; Erosion of natural deposits.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Moorhead Public Service is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Monitoring may have been done for additional contaminants that do not have MCLs established for them and are not required to be monitored under the Safe Drinking Water Act. Results may be available by calling 651-201-4700 or 800-818-9318 during normal business hours.

Monitoring for unregulated contaminants as required by U.S. Environmental Protection Agency rules (40 CFR 141.40) was conducted in 2016. Results of the unregulated contaminant monitoring are available upon request from Cindy Swanson, Minnesota Department of Health, at 651-201-4656.

[E] Highest and lowest monthly average.
[F] Highest quarterly average.

Compliance with National Primary Drinking Water Regulations

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants,* such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants,* such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides,* which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- *Organic chemical contaminants,* including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- *Radioactive contaminants,* which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the U. S. Environmental Protection Agency (EPA) prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline at 800-426-4791.

MOORHEAD PUBLIC SERVICE

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56560

FACILITY INFORMATION	AFS	ACRES	BR	CERCLIS	GHG	PCS/ICIS	RAD Info	RCRA Info	TRI	TSCA
A SHUR SIGN CO INC 2305 12TH AVE S MOORHEAD, MN 56560 Latitude: 46.8612 Longitude: -96.74384 Summary Report Facility Report Compliance Report								View Report		
ACME PRINTING CO 818 MAIN AVE MOORHEAD, MN 56560 Latitude: 46.873778 Longitude: -96.767553 Summary Report Facility Report Compliance Report								View Report		
ADAMS FAMILY USED CARS 725 32ND AVE S MOORHEAD, MN 565604932 Latitude: 46.84189 Longitude: -96.76863 Summary Report Facility Report Compliance Report								View Report		
AEVENIA INC 3030 24TH AVE S MOORHEAD, MN 56560 Latitude: 46.85216 Longitude: -96.73033 Summary Report Facility Report Compliance Report								View Report		
AGGREGATE INDUSTRIES INC - MOORHEAD SHOP 1301 CENTER AVE MOORHEAD, MN 56560 Latitude: 46.87479 Longitude: -96.75939 Summary Report Facility Report Compliance Report								View Report		
AGGREGATE INDUSTRIES INC - P-91 - NM 1515 1ST AVENUE NORTH MOORHEAD, MN 56560-2209 Latitude: 46.87557 Longitude: -96.75478 Summary Report Facility Report Compliance Report	View Report	View Report						View Report		

ALL PRO PHOTO
1610 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.873968
Longitude: -96.754364
Summary Report
Facility Report
Compliance Report
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ALL TEMP REFRIGERATION
1325 23RD ST S
MOORHEAD, MN
565603816
Latitude: 46.86052
Longitude: -96.74499
Summary Report
Facility Report
Compliance Report
View Report

ALTIMATE AUTO BODY
1819 N 11TH ST
MOORHEAD, MN 56560
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Longitude: -96.76246
Summary Report
Facility Report
Compliance Report
View Report

AMBROSE REPAIR
1817 11TH ST N
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565601407
Latitude: 46.8949
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Summary Report
Facility Report
Compliance Report
View Report

AMERICAN CRYSTAL SUGAR - RESEARCH CENTER
1700 N 11TH ST
MOORHEAD, MN
56560-1406
Latitude: 46.89402
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Summary Report
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AMERICAN CRYSTAL SUGAR CO
2500 NORTH 11TH STREET MOORHEAD, MN
56560-1400
Latitude: 46.903056
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Summary Report
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Compliance Report
View Report | View Report | View Report | View Report | View Report

AMERICINN OF MOORHEAD
600 30TH AVE S
MOORHEAD, MN 56560
View Report

Latitude: 46.84477
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Summary Report
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Compliance Report

AMIGO'S AUTO REPAIR
& BODYWORK
118 9TH ST N
MOORHEAD, MN 56560
Latitude: 46.87683
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Summary Report
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ANDERSON CUSTOM
AUTO BODY
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MOORHEAD, MN
56560-3816
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Compliance Report
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ASPLIN EXCAVATING
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Summary Report
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ATOMIC COFFEE
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MOORHEAD, MN 56560
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Compliance Report
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AUTO BODY BY PREMIER
INC
1513 29TH AVE S
MOORHEAD, MN
565605143
Latitude: 46.84556
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Summary Report
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B & B AMOCO
104 8TH ST S
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565602809
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BEKKERUS & BEKKERUS
INC DBA A-1 AUTO
2000 1ST AVE S
MOORHEAD, MN 56560
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BEKKERUS & BEKKERUS
INC DBA A-1 AUTO
2627 16TH AVE S
MOORHEAD, MN 56560
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Summary Report
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Compliance Report
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BENNETT
MANUFACTURED HOME
PARK
1903 1ST AVE S
MOORHEAD, MN 56560
Latitude: 46.87325
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Summary Report
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BERT'S TRUCK
EQUIPMENT OF
MOORHEAD INC
2620 2ND AVENUE
NORTH MOORHEAD, MN
56560-2506
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Summary Report
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BOBS STANDARD
1036 1ST AVE N
MOORHEAD, MN
565602003
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Summary Report
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1401 S 8TH ST
MOORHEAD, MN
56560-3605
View Report

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Summary Report
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BRADY`S SERVICE CENTER 2408 8TH ST S MOORHEAD, MN 565604443 Latitude: 46.85098 Longitude: -96.76802 Summary Report Facility Report Compliance Report				View Report	
BUDGET AUTO BODY 2424 2ND AVE N MOORHEAD, MN 565602504 Latitude: 46.877041 Longitude: -96.741556 Summary Report Facility Report Compliance Report				View Report	
BUDS AMOCO 720 30TH AVE S MOORHEAD, MN 56560 Latitude: 46.84407 Longitude: -96.769132 Summary Report Facility Report Compliance Report				View Report	
BURLINGTON NORTHERN SANTA FE (BNSF) INTERSECTION OF HIGHWAY 10 AND 21ST STREET SOUTH MOORHEAD, MN 56560 Latitude: 46.874658 Longitude: -96.750858 Summary Report Facility Report Compliance Report		View Report			
BUSCH AGRICULTURAL RESOURCES LLC 2101 28TH ST S MOORHEAD, MN 56560 Latitude: 46.905064 Longitude: -96.749802 Summary Report	View Report		View Report	View Report	View Report

Facility Report
Compliance Report

CAMELOT CLEANERS - MOORHEAD
625 MAIN MOORHEAD,
MN 56560-2750
Latitude: 46.87354
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Facility Report
Compliance Report
View Report

CAMRUD FOSS CONCRETE CONSTRUCTION INC
3300 8TH ST S
MOORHEAD, MN
565605004
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Compliance Report
View Report

CC MOTOR SALES INC
1313 30TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84341
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Summary Report
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Compliance Report
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CENEX PETRO SERVE
1321 CENTER AVE
MOORHEAD, MN
565602230
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Summary Report
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Compliance Report
View Report

CENTENNIAL GENERATING STATION
715 MAIN AVE SE
MOORHEAD, MN 56560
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Longitude: -96.769117
Summary Report
Facility Report
Compliance Report
View Report

CHECKER AUTO PARTS
1862
1030 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87401
Longitude: -96.76328
Summary Report
Facility Report
Compliance Report
View Report

CHROMAN GODS
2207 29TH ST S
View Report

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CLAY COUNTY COURTHOUSE 807 11TH ST N MOORHEAD, MN 565601500 Latitude: 46.88421 Longitude: -96.76352 Summary Report Facility Report Compliance Report		View Report
CLAY COUNTY PUBLIC HEALTH 715 N 11TH ST MOORHEAD, MN 56560-2083 Latitude: 46.882846 Longitude: -96.76259 Summary Report Facility Report Compliance Report		View Report
COCA COLA BOTTLING CO OF FARGO INC 2000 1ST AVE N MOORHEAD, MN 56560 Latitude: 46.87654 Longitude: -96.74821 Summary Report Facility Report Compliance Report		View Report
COMSTOCK HOUSE DBA HORSLEY SPECIALTIES 506 8TH ST S MOORHEAD, MN 56560 Latitude: 46.86892 Longitude: -96.76749 Summary Report Facility Report Compliance Report		View Report
CONCORDIA COLLEGE - MOORHEAD CAMPUS 901 8TH ST S MOORHEAD, MN 56560 Latitude: 46.86511 Longitude: -96.76806 Summary Report Facility Report Compliance Report	View Report	View Report
CORAM ALTERNATE SITE SERVICES INC 2901 FRONTAGE RD S STE 7 MOORHEAD, MN 56560-2572 Latitude: 46.87539 Longitude: -96.73635		View Report

Summary Report
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Compliance Report

CORDELL MOTORS INC
2525 HIGHWAY 10 E
MOORHEAD, MN
565602525
Latitude: 46.87523
Longitude: -96.74022
View Report
Summary Report
Facility Report
Compliance Report

CORSAIR PROPERTY
1500 1ST AVE. N. AND
1521 2ND AVE. N.
MOORHEAD, MN 56560
Latitude: 46.77796
Longitude: -96.65402
View Report
Summary Report
Facility Report
Compliance Report

CRAIG PROPERTIES
1600 29TH AVE S
MOORHEAD, MN
565605142
Latitude: 46.8464
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View Report
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CROWN TROPHY
13 4TH STREET SOUTH
MOORHEAD, MN 56560
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Longitude: -96.773955
View Report
Summary Report
Facility Report
Compliance Report

D & S HYDRAULICS
773 HIGHWAY 75 N
MOORHEAD, MN
565602414
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Longitude: -96.744967
View Report
Summary Report
Facility Report
Compliance Report

D & S TOWING
1246 1ST AVE N
MOORHEAD, MN
565602204
Latitude: 46.87633
Longitude: -96.76022
View Report
Summary Report
Facility Report
Compliance Report

DAHL'S CERTIFIED AUTO
BODY INC
1715 27TH ST S
View Report

MOORHEAD, MN 56560
Latitude: 46.85687
Longitude: -96.73689
Summary Report
Facility Report
Compliance Report

DARRELL'S REPAIR
116 N 14TH
MOORHEAD, MN
56560-2224
Latitude: 46.876278
Longitude: -96.757439
Summary Report
Facility Report
Compliance Report
View Report

DARRELLS REPAIR
1819 11TH ST N
MOORHEAD, MN
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Longitude: -96.76345
Summary Report
Facility Report
Compliance Report
View Report

DEBATES TODD E DR DDS
PROFESSIONAL CTR STE
6 HOLIDAY MOORHEAD,
MN 56560
Latitude: 46.892739
Longitude: -96.691047
Summary Report
Facility Report
Compliance Report
View Report

DIERCKS PRINTING CO INC
111 S 7TH ST
MOORHEAD, MN 56560
Latitude: 46.873691
Longitude: -96.769332
Summary Report
Facility Report
Compliance Report
View Report

DO RIGHT AUTO BODY
1519 29TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84556
Longitude: -96.75433
Summary Report
Facility Report
Compliance Report
View Report

DR DAVID C WENTZ DDS
320 2ND AVE S STE 106
MOORHEAD, MN
56560-2602
Latitude: 46.87296
Longitude: -96.77454
Summary Report
View Report

Facility Report
Compliance Report

DR JEFFREY HARVEY - MOORHEAD
HOLIDAY MALL PROFESSIONAL CENTER
SUITE 1 MOORHEAD,
MN 56560
Latitude: 46.892739
Longitude: -96.691047
Summary Report
Facility Report
Compliance Report
View Report

DUGGANS AUTO SERVICE CENTER
1405 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87351
Longitude: -96.75699
Summary Report
Facility Report
Compliance Report
View Report

EAST PARKING LOT
15 4TH STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.874364
Longitude: -96.773951
Summary Report
Facility Report
Compliance Report
View Report

EID CO BUILDERS
2700 12TH AVE S
MOORHEAD, MN
565603902
Latitude: 46.86285
Longitude: -96.73745
Summary Report
Facility Report
Compliance Report
View Report

ELECTRIC MOTOR & CONSTRUCTION CO
422 HIGHWAY 75 N
MOORHEAD, MN
565602409
Latitude: 46.88008
Longitude: -96.74318
Summary Report
Facility Report
Compliance Report
View Report

EVENTIDE SENIOR LIVING COMMUNITIES
1405 7TH ST S
MOORHEAD, MN 56560
Latitude: 46.85967
Longitude: -96.77001
Summary Report
Facility Report
Compliance Report
View Report

FAMILY HEALTHCARE
View

CENTER
715 11TH ST N STE
106B MOORHEAD, MN
56560
Latitude: 46.88322
Longitude: -96.76352
Summary Report
Facility Report
Compliance Report
Report

FARMER'S INSURANCE
19 4TH STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.874339
Longitude: -96.773943
Summary Report
Facility Report
Compliance Report
View
Report

FM AUTO BODY
1715 1ST AVE S
MOORHEAD, MN 56560
Latitude: 46.87342
Longitude: -96.75203
Summary Report
Facility Report
Compliance Report
View
Report

FM AUTO REPAIR
1715 1ST AVE S
MOORHEAD, MN
565603002
Latitude: 46.87342
Longitude: -96.75203
Summary Report
Facility Report
Compliance Report
View
Report

FM PRINTING & OFFICE
SUPPLY CO
710 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87403
Longitude: -96.76871
Summary Report
Facility Report
Compliance Report
View
Report

FORMER KFC OFFICE
308 MAIN AVENUE
MOORHEAD, MN 56560
Latitude: 46.87413
Longitude: -96.77443
Summary Report
Facility Report
Compliance Report
View
Report

FORMER STURDEVANT
BUILDING
300 MAIN AVENUE
MOORHEAD, MN 56560
Latitude: 46.8741
Longitude: -96.77491
Summary Report
Facility Report
View
Report

Compliance Report

FORMER TIRE DEPOT
1813/2301 25TH
STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.85628
Longitude: -96.743079
Summary Report
Facility Report
Compliance Report

View Report

FURNITURE STORE
900 MAIN ST
MOORHEAD, MN
56560-2802
Latitude: 46.87377
Longitude: -96.76628
Summary Report
Facility Report
Compliance Report

View Report

GAS STOP
903 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87354
Longitude: -96.76597
Summary Report
Facility Report
Compliance Report

View Report

GATEWAY BUILDING
SYSTEMS INC
2200 14TH AVE SOUTH
MOORHEAD, MN
56560-3804
Latitude: 46.86052
Longitude: -96.74568
Summary Report
Facility Report
Compliance Report

View Report

GAVILON FERTILIZER
LLC
2012 28TH AVE SO.
MOORHEAD, MN
56560-4801
Latitude: 46.849167
Longitude: -96.746667
Summary Report
Facility Report
Compliance Report

View Report

View Report

GEORGE L HUMPHREY
DDS
2410 8TH ST S STE 5
MOORHEAD, MN 56560
Latitude: 46.85091
Longitude: -96.76802
Summary Report
Facility Report
Compliance Report

View Report

GLYCOL SOLUTIONS
1217 MAIN ST SE
MOORHEAD, MN

View Report

56560-3856
Latitude: 46.87345
Longitude: -96.76017
Summary Report
Facility Report
Compliance Report

GREENWOOD COMMUNITY MOBILE HOME PARK
1700 3RD AVE. SOUTH
MOORHEAD, MN 56560
Latitude: 46.87151
Longitude: -96.75165
View Report
Summary Report
Facility Report
Compliance Report

GRIFFIN SALES & SERVICE
1425 SE MAIN AVE
MOORHEAD, MN
565603863
Latitude: 46.860579
Longitude: -96.737389
View Report
Summary Report
Facility Report
Compliance Report

GROSZ PHOTOGRAPHY
202 8TH ST S
MOORHEAD, MN
565602811
Latitude: 46.87253
Longitude: -96.7674
View Report
Summary Report
Facility Report
Compliance Report

HANSON KENNETH TRUCKING
1705 7TH ST S
MOORHEAD, MN
565603450
Latitude: 46.8573
Longitude: -96.76993
View Report
Summary Report
Facility Report
Compliance Report

HAROLD MILLER TRUCKING
2312 29TH ST S
MOORHEAD, MN
565605904
Latitude: 46.85217
Longitude: -96.73283
View Report
Summary Report
Facility Report
Compliance Report

HAROLDS CAR CLEAN GCA INC
1416 30TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84446
View Report

Longitude: -96.75692
Summary Report
Facility Report
Compliance Report

HEDGEMASTERS
1725 1ST AVENUE
NORTH MOORHEAD, MN
56560
Latitude: 46.87582
Longitude: -96.75148
Summary Report
Facility Report
Compliance Report
View Report

HELGESON'S
1724 1ST AVE. NORTH
MOORHEAD, MN 56560
Latitude: 46.87649
Longitude: -96.7514
Summary Report
Facility Report
Compliance Report
View Report

HIGH VOLTAGE TEST LAB
926 50TH AVE S
MOORHEAD, MN 56560
Latitude: 46.81946
Longitude: -96.76593
Summary Report
Facility Report
Compliance Report
View Report

HOLIDAY STATIONSTORE 133
901 CENTER AVE
MOORHEAD, MN
565602016
Latitude: 46.87479
Longitude: -96.76581
Summary Report
Facility Report
Compliance Report
View Report

HOLLANDS CLEANERS
18 4TH ST S
MOORHEAD, MN
565602612
Latitude: 46.87405
Longitude: -96.7737
Summary Report
Facility Report
Compliance Report
View Report

HOMEMAKERS VILLA
20 14TH ST N
MOORHEAD, MN 56560
Latitude: 46.875194
Longitude: -96.757447
Summary Report
Facility Report
Compliance Report
View Report

HORSLEY SPECIALTIES INC
View Report

2610 20TH AVE S
MOORHEAD, MN 56560
Latitude: 46.854925
Longitude: -96.737052
Summary Report
Facility Report
Compliance Report

HORVICK ELECTRIC MOTOR CO
305 MAIN AVE
MOORHEAD, MN
565602639
Latitude: 46.87349
Longitude: -96.7745
Summary Report
Facility Report
Compliance Report
View Report

HUB CITY ENVIRONMENTAL LLC
2225 MAIN AVE SE
MOORHEAD, MN 56560
Latitude: 46.85326
Longitude: -96.73168
Summary Report
Facility Report
Compliance Report
View Report

HUBERT OYE & SONS CONSTRUCTION INC
2720 2ND AVE N
MOORHEAD, MN
565602507
Latitude: 46.87764
Longitude: -96.73664
Summary Report
Facility Report
Compliance Report
View Report

ISD 152 MOORHEAD
11TH ST & 20TH AVE S
MOORHEAD, MN 56560
Latitude: 46.85495
Longitude: -96.76276
Summary Report
Facility Report
Compliance Report
View Report

ISD 152 MOORHEAD
11TH ST & 10 AVE N
MOORHEAD, MN 56560
Latitude: 46.885618
Longitude: -96.762878
Summary Report
Facility Report
Compliance Report
View Report

ISD 152 MOORHEAD MAINTENANCE SHOP
1304 15TH AVE N
MOORHEAD, MN 56560
Latitude: 46.89101
Longitude: -96.75779
Summary Report
View Report

Facility Report
Compliance Report

ISD 152 MOORHEAD SR HIGH SCHOOL
2202 4TH AVENUE
SOUTH MOORHEAD, MN 56560
Latitude: 46.87131
Longitude: -96.745552
Summary Report
Facility Report
Compliance Report
View Report

JAQS GARAGE
2320 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87739
Longitude: -96.74258
Summary Report
Facility Report
Compliance Report
View Report

JAYS AUTO RPR
2700 12TH AVE S B
MOORHEAD, MN 56560
Latitude: 46.86285
Longitude: -96.73745
Summary Report
Facility Report
Compliance Report
View Report

JB PRODUCTS
710 3RD ST S
MOORHEAD, MN 565603312
Latitude: 46.86677
Longitude: -96.77466
Summary Report
Facility Report
Compliance Report
View Report

KEN S SANITATION
2010 28TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84819
Longitude: -96.74668
Summary Report
Facility Report
Compliance Report
View Report

KMART STORE 7216
3000 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.87778
Longitude: -96.73193
Summary Report
Facility Report
Compliance Report
View Report
View Report

KRAGNES FARMERS ELEVATOR CO
9749, 21ST STREET
NORTH MOORHEAD, MN 56560-7247
Latitude: 46.983389
View Report

Longitude: -96.750028
Summary Report
Facility Report
Compliance Report

L & L ELECTRIC MOTOR SERVICE INC 4TH ST
119 4TH ST S
MOORHEAD, MN
565602613
Latitude: 46.87319
Longitude: -96.77419
Summary Report
Facility Report
Compliance Report
View Report

L D AUTO ELECTRIC
1725 1ST AVE N
MOORHEAD, MN 56560
Latitude: 46.87582
Longitude: -96.75148
Summary Report
Facility Report
Compliance Report
View Report

L&L ELECTRIC MOTOR SERVICE INC
2824 22ND AVE S
MOORHEAD, MN 56560
Latitude: 46.85437
Longitude: -96.73397
Summary Report
Facility Report
Compliance Report
View Report

LAND PURCHASE
UNKNOWN MOORHEAD, MN 56560
Latitude: 46.846699
Longitude: -96.700172
Summary Report
Facility Report
Compliance Report
View Report

LARRY'S AUTO BODY INC
128 N 16TH ST
MOORHEAD, MN
56560-2226
Latitude: 46.876394
Longitude: -96.754374
Summary Report
Facility Report
Compliance Report
View Report

LEEF BROTHERS
924 MAIN AVE
MOORHEAD, MN
565602802
Latitude: 46.8741
Longitude: -96.76518
Summary Report
Facility Report
Compliance Report
View Report

LLOYD'S AUTO BODY
View

INC
210 17TH STREET
NORTH MOORHEAD, MN
56560-2372
Latitude: 46.87741
Longitude: -96.75218
Summary Report
Facility Report
Compliance Report
Report

MCALISTER MILES
919 5TH ST S
MOORHEAD, MN
565603414
Latitude: 46.86429
Longitude: -96.77295
Summary Report
Facility Report
Compliance Report
View
Report

MED-PLUS HEALTH
CARE PLLC
312 HIGHWAY 75 N
MOORHEAD, MN 56560
Latitude: 46.878327
Longitude: -96.743044
Summary Report
Facility Report
Compliance Report
View
Report

MED-PLUS HEALTH
CARE PLLC - HWY 10
3210 HWY 10 E
MOORHEAD, MN
56560-2524
Latitude: 46.876574
Longitude: -96.728418
Summary Report
Facility Report
Compliance Report
View
Report

MEL'S ELECTRIC
1016 4TH ST S
MOORHEAD, MN 56560
Latitude: 46.86343
Longitude: -96.7733
Summary Report
Facility Report
Compliance Report
View
Report

MENARDS INC -
MOORHEAD
3000 27TH AVE S
MOORHEAD, MN 56560
Latitude: 46.85014
Longitude: -96.73034
Summary Report
Facility Report
Compliance Report
View
Report

MIDAS MUFFLER -
MOORHEAD
3328 HWY 10 E
MOORHEAD, MN
56560-2512
Latitude: 46.876578
View
Report

Longitude: -96.726668
Summary Report
Facility Report
Compliance Report

MIKE'S AUTO SERVICE
2010 5TH AVE N
MOORHEAD, MN 56560
Latitude: 46.88077
Longitude: -96.74712
Summary Report
Facility Report
Compliance Report
View Report

MIKES AUTO SERVICE
116 18TH ST N
MOORHEAD, MN 56560
Latitude: 46.87677
Longitude: -96.75086
Summary Report
Facility Report
Compliance Report
View Report

MILL CREEK CUSTOM CABINETS
2828 24TH AVE S
MOORHEAD, MN 56560
Latitude: 46.85169
Longitude: -96.73432
Summary Report
Facility Report
Compliance Report
View Report

MINN DEPT OF TRANSPORTATION - MOORHEAD
308 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87413
Longitude: -96.77443
Summary Report
Facility Report
Compliance Report
View Report

MINN STATE NATIONAL GUARD HHC 2 136 INF
1002 15TH AVE N
MOORHEAD, MN 56560
Latitude: 46.89152
Longitude: -96.76522
Summary Report
Facility Report
Compliance Report
View Report

MINNKOTA ENVIROSERVICES - MOORHEAD
1321 1ST AVENUE NORTH MOORHEAD, MN 56560-2205
Latitude: 46.87567
Longitude: -96.75809
Summary Report
Facility Report
Compliance Report
View Report

MINNWEST APARTMENTS
2318 10TH ST S
MOORHEAD, MN
565604321
Latitude: 46.85165
Longitude: -96.76386
Summary Report
Facility Report
Compliance Report
View Report

MN STATE COMMUNITY & TECHNICAL COLLEGE
1900 28TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84957
Longitude: -96.75065
Summary Report
Facility Report
Compliance Report
View Report

MOBIL OIL CORP
1101 SE MAIN AVE B
MOORHEAD, MN 56560
Latitude: 46.8636
Longitude: -96.74398
Summary Report
Facility Report
Compliance Report
View Report

MOORHEAD CITY OF
1101 1ST AVE NO
MOORHEAD, MN 56560
Latitude: 46.87603
Longitude: -96.76268
Summary Report
Facility Report
Compliance Report
View Report
View Report

MOORHEAD CITY OF
605 9TH ST N & 609 ELM ST S MOORHEAD, MN 56560
Latitude: 46.86513
Longitude: -96.77961
Summary Report
Facility Report
Compliance Report
View Report

MOORHEAD CITY OPERATIONS & MAINT GARAGE
700 15TH AVE N
MOORHEAD, MN 56560
Latitude: 46.88969
Longitude: -96.77034
Summary Report
Facility Report
Compliance Report
View Report

MOORHEAD COUNTRY CLUB
1002 18TH ST W
MOORHEAD, MN 56560
Latitude: 46.864104
Longitude: -96.75189
View Report

Summary Report
Facility Report
Compliance Report

MOORHEAD COUNTRY CLUB - 18TH AVE 18TH AVE & 11TH ST MOORHEAD, MN 56560 Latitude: 46.85659 Longitude: -96.76277 Summary Report Facility Report Compliance Report			View Report
MOORHEAD ELECTRIC - 12TH AVE 2419 12TH AVE S MOORHEAD, MN 56560 Latitude: 46.86127 Longitude: -96.74304 Summary Report Facility Report Compliance Report			View Report
MOORHEAD HOLIDAY ASSOCIATES LLP 2410 8TH ST SO MOORHEAD, MN 56560 Latitude: 46.85091 Longitude: -96.76802 Summary Report Facility Report Compliance Report			View Report
MOORHEAD MARINE 3220 S 8TH ST MOORHEAD, MN 56560 Latitude: 46.842157 Longitude: -96.767549 Summary Report Facility Report Compliance Report			View Report
MOORHEAD NATIONAL GUARD ARMORY - 5TH ST 222 5TH ST S MOORHEAD, MN 565602715 Latitude: 46.872514 Longitude: -96.77237 Summary Report Facility Report Compliance Report			View Report
MOORHEAD POWER PLANT 519 ELM STREET MOORHEAD, MN 56560 Latitude: 46.86884 Longitude: -96.77952 Summary Report Facility Report Compliance Report	View Report	View Report	View Report
MOORHEAD PUBLIC			View

SERVICE 500 CENTER AVE MOORHEAD, MN 56560 Latitude: 46.87624 Longitude: -96.77195 Summary Report Facility Report Compliance Report		Report
MOORHEAD RADIATOR 701 N HIGHWAY 75 MOORHEAD, MN 56560-2414 Latitude: 46.88262 Longitude: -96.74625 Summary Report Facility Report Compliance Report		View Report
MOORHEAD SIMPLOT GROWER SOLUTIONS 1831 50TH AVEUE SOUTH MOORHEAD, MN 565609207 Latitude: 46.81727 Longitude: -96.74779 Summary Report Facility Report Compliance Report		View Report
MOORHEAD STATE U MAINT DEPT 17TH ST AND 8TH AVE MOORHEAD, MN 56560 Latitude: 46.88341 Longitude: -96.75263 Summary Report Facility Report Compliance Report		View Report
MOORHEAD TACC 1002 5TH AVE N MOORHEAD, MN 56560 Latitude: 46.88031 Longitude: -96.764276 Summary Report Facility Report Compliance Report		View Report
MOORHEAD WASTEWATER TREATMENT FACILITY 2121 28TH STREET NORTH MOORHEAD, MN 56560 Latitude: 46.8959 Longitude: -96.73889 Summary Report Facility Report Compliance Report	View Report	View Report
MOOS THEODORE DENTAL OFFICE 2420 8TH ST S # B MOORHEAD, MN 565604443		View Report

Latitude: 46.850818
Longitude: -96.76802
Summary Report
Facility Report
Compliance Report

MPCA WASTE OIL SERVICE
1705B 26TH ST S
MOORHEAD, MN 56560
Latitude: 46.85737
Longitude: -96.73941
Summary Report
Facility Report
Compliance Report
View Report

MUSCATELL BODY SHOP
814 CENTER AVE
MOORHEAD, MN
56560-1917
Latitude: 46.87535
Longitude: -96.76701
Summary Report
Facility Report
Compliance Report
View Report

MUSCATELL DODGE JEEP EAGLE
904 CENTER AVE
MOORHEAD, MN 56560
Latitude: 46.87536
Longitude: -96.76581
Summary Report
Facility Report
Compliance Report
View Report
View Report

MUSCATELL SUBARU
2809 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.87575
Longitude: -96.73451
Summary Report
Facility Report
Compliance Report
View Report

NELS VOGEL MUSIC INC
1132 28TH AVE S
MOORHEAD, MN
565604451
Latitude: 46.84816
Longitude: -96.76036
Summary Report
Facility Report
Compliance Report
View Report

NERESON SERVICE CENTER
2712 2ND AVE N
MOORHEAD, MN
565602507
Latitude: 46.877086
Longitude: -96.737538
Summary Report
Facility Report
View Report

Compliance Report					
NERESONS BIG LOT SERVICE 2500 2ND AVE N MOORHEAD, MN 56560 Latitude: 46.87765 Longitude: -96.74063 Summary Report Facility Report Compliance Report				View Report	
NORTH PARKING LOT UNKNOWN MOORHEAD, MN 56560 Latitude: 46.87504 Longitude: -96.771609 Summary Report Facility Report Compliance Report	View Report				
NORTHERN AUTO SALES & BODY SHOP 1920 2ND AVE N MOORHEAD, MN 565602369 Latitude: 46.87733 Longitude: -96.74821 Summary Report Facility Report Compliance Report				View Report	
NORTHSIDE TRUCK REPAIR 319 N 17TH ST MOORHEAD, MN 56560-2332 Latitude: 46.878393 Longitude: -96.752706 Summary Report Facility Report Compliance Report				View Report	
NUSTAR - MOORHEAD TERMINAL 1101 SOUTH EAST MAIN AVENUE MOORHEAD, MN 56560-3811 Latitude: 46.873597 Longitude: -96.762864 Summary Report Facility Report Compliance Report	View Report		View Report	View Report	View Report
O'REILLY AUTO PARTS 4287 2601 HIGHWAY 10 E MOORHEAD, MN 56560 Latitude: 46.87525 Longitude: -96.7393 Summary Report Facility Report Compliance Report				View Report	
ON A MISSION TRUCK REPAIR				View Report	

1608 29TH AVE S
MOORHEAD, MN
565605142
Latitude: 46.8464
Longitude: -96.75348
Summary Report
Facility Report
Compliance Report

ON A MISSION TRUCK REPAIR
324 16TH ST N
MOORHEAD, MN
565602234
Latitude: 46.87896
Longitude: -96.7539
Summary Report
Facility Report
Compliance Report
View Report

OSI ENVIRONMENTAL INC - MOORHEAD
1705 SOUTH 26TH STREET MOORHEAD, MN
56560-3841
Latitude: 46.857378
Longitude: -96.739414
Summary Report
Facility Report
Compliance Report
View Report

PACTIV CORP
3010 42ND ST S
MOORHEAD, MN
56560-6006
Latitude: 46.84145
Longitude: -96.70613
Summary Report
Facility Report
Compliance Report
View Report

PAN O GOLD BAKING CO - MOORHEAD
1417 1ST AVE N
MOORHEAD, MN 56560
Latitude: 46.87569
Longitude: -96.75626
Summary Report
Facility Report
Compliance Report
View Report

PIONEER HI BRED INTERNATIONAL INC
1505 29TH AVE S
MOORHEAD, MN
56560-5193
Latitude: 46.84542
Longitude: -96.75559
Summary Report
Facility Report
Compliance Report
View Report

PORTACO INC
1805 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87677
View Report

Longitude: -96.75046
Summary Report
Facility Report
Compliance Report

QUICK LUBE AND TUNE
1002 1ST AVE N
MOORHEAD, MN 56560
Latitude: 46.87628
Longitude: -96.76432
Summary Report
Facility Report
Compliance Report
View Report

RALPH'S BAR & APARTMENTS
21-23 4TH STREET
SOUTH MOORHEAD, MN 56560
Latitude: 46.874327
Longitude: -96.77394
Summary Report
Facility Report
Compliance Report
View Report

RDO EQUIPMENT CO - MOORHEAD
2900 MAIN AVE SE
MOORHEAD, MN 56560
Latitude: 46.84365
Longitude: -96.7193
Summary Report
Facility Report
Compliance Report
View Report

RED RIVER ELECTRIC INC
2323 16TH AVE S STE 105 MOORHEAD, MN 565603897
Latitude: 46.85768
Longitude: -96.74378
Summary Report
Facility Report
Compliance Report
View Report

RED RIVER TRAILS INC
HWY 75 S MOORHEAD, MN 56560
Latitude: 46.82254
Longitude: -96.772858
Summary Report
Facility Report
Compliance Report
View Report

RESOURCE RECOVERY INC
1830 23RD ST S
MOORHEAD, MN 56560
Latitude: 46.85572
Longitude: -96.74445
Summary Report
Facility Report
Compliance Report
View Report

RIGELS INC
View

609 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87343
Longitude: -96.77044
Summary Report
Facility Report
Compliance Report
Report

RITA'S BEAUTY SCHOOL
17 4TH STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.87407
Longitude: -96.77416
Summary Report
Facility Report
Compliance Report
View Report

RIVER BEND INDUSTRIES
2421 16TH AVENUE SOUTH MOORHEAD, MN 56560-3806
Latitude: 46.85767
Longitude: -96.74268
Summary Report
Facility Report
Compliance Report
View Report

ROFFE CONTAINER INC
1802 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87752
Longitude: -96.75061
Summary Report
Facility Report
Compliance Report
View Report

RURAL ELECTRIC SUPPLY COOP
2420 20TH AVE SOUTH
MOORHEAD, MN 56560-5920
Latitude: 46.85532
Longitude: -96.74279
Summary Report
Facility Report
Compliance Report
View Report

SANDRA KAY DESIGNS
107 7TH ST S
MOORHEAD, MN 565602738
Latitude: 46.87324
Longitude: -96.76984
Summary Report
Facility Report
Compliance Report
View Report

SAUVAGEAUS FIRESTONE & COLLISION CENTER
2409 E HWY 10
MOORHEAD, MN 56560-2523
Latitude: 46.87521
Longitude: -96.74112
View Report

Summary Report
Facility Report
Compliance Report

SHERWIN-WILLIAMS CO
3066
3314 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.876577
Longitude: -96.726876
Summary Report
Facility Report
Compliance Report
View Report

SILBERNAGEL SERVICE CENTER
2406 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87765
Longitude: -96.74174
Summary Report
Facility Report
Compliance Report
View Report

SIMON WAREHOUSE
8 10TH STREET NORTH
MOORHEAD, MN 56560
Latitude: 46.87536
Longitude: -96.76408
Summary Report
Facility Report
Compliance Report
View Report

SIMPLOT SOILBUILDERS
2010 28TH AVE SOUTH
MOORHEAD, MN 56560
Latitude: 46.84819
Longitude: -96.74668
Summary Report
Facility Report
Compliance Report
View Report

SM ENTERPRISES INC
2104 14TH ST S
MOORHEAD, MN
565604509
Latitude: 46.854003
Longitude: -96.75744
Summary Report
Facility Report
Compliance Report
View Report

SM ENTERPRISES INC
2310 26TH ST S
MOORHEAD, MN
56560-5903
Latitude: 46.85216
Longitude: -96.73553
Summary Report
Facility Report
Compliance Report
View Report

SPORTSCAR ENGINEERING
1825 MAIN AVE
MOORHEAD, MN 56560
View Report

Latitude: 46.871489
Longitude: -96.750603
Summary Report
Facility Report
Compliance Report

STALBOERGER SIGNS
403 BROOK AVE
MOORHEAD, MN
565604906
Latitude: 46.84601
Longitude: -96.77521
Summary Report
Facility Report
Compliance Report
View Report

STATE SPECIAL WASTE FACILITY
2727 HWY 10 E
MOORHEAD, MN 56560
Latitude: 46.87533
Longitude: -96.7375
Summary Report
Facility Report
Compliance Report
View Report

STEIDL FAMILY DENTISTRY PC
523 S 8TH ST
MOORHEAD, MN
56560-3503
Latitude: 46.869049
Longitude: -96.768016
Summary Report
Facility Report
Compliance Report
View Report

STEPHENS AUTO OF MOORHEAD INC
2710 2ND AVE N
MOORHEAD, MN 56560
Latitude: 46.87765
Longitude: -96.73726
Summary Report
Facility Report
Compliance Report
View Report

SULLIVANS AUTO
3224 8TH ST S
MOORHEAD, MN
565605003
Latitude: 46.84133
Longitude: -96.76722
Summary Report
Facility Report
Compliance Report
View Report

SULLIVANS AUTO
2424 2ND AVE N B
MOORHEAD, MN 56560
Latitude: 46.877041
Longitude: -96.741556
Summary Report
Facility Report
Compliance Report
View Report

SULLIVANS AUTO
1619 1ST AVE
MOORHEAD, MN 56560
Latitude: 46.876
Longitude: -96.754079
Summary Report
Facility Report
Compliance Report
View Report

SWANSON & YOUNGDALE INC - MOORHEAD
1910 26TH ST S
MOORHEAD, MN 565603846
Latitude: 46.85603
Longitude: -96.73721
Summary Report
Facility Report
Compliance Report
View Report

TARGET STORE T0658
3301 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.87539
Longitude: -96.72838
Summary Report
Facility Report
Compliance Report
View Report
View Report

TESORO WEST COAST CO-VARIOUS SEE LOCATION DESCRIPTION
MOORHEAD, MN 56560
Latitude: 46.872767
Longitude: -96.748516
Summary Report
Facility Report
Compliance Report
View Report

TIRE DEPOT INC
1813 25TH ST S
MOORHEAD, MN 56560
Latitude: 46.85636
Longitude: -96.74273
Summary Report
Facility Report
Compliance Report
View Report

TIRES PLUS MOORHEAD 18
1021 CENTER AVE
MOORHEAD, MN 565602018
Latitude: 46.87474
Longitude: -96.7632
Summary Report
Facility Report
Compliance Report
View Report

TIRES PLUS MOORHEAD 8147
3001 FRONTAGE RD SO
MOORHEAD, MN 56560-2593
View Report

Latitude: 46.87503
Longitude: -96.73308
Summary Report
Facility Report
Compliance Report

TOWN & COUNTRY FLOWERS
1301 2ND ST S
MOORHEAD, MN
565604099
Latitude: 46.86104
Longitude: -96.77684
Summary Report
Facility Report
Compliance Report
View Report

TRACTOR SUPPLY CO 296
3330 HIGHWAY 10 E
MOORHEAD, MN 56560
Latitude: 46.8772
Longitude: -96.72651
Summary Report
Facility Report
Compliance Report
View Report

TRANSPORT INC - MOORHEAD
2225 MAIN AVE S E
MOORHEAD, MN
56560-5940
Latitude: 46.85326
Longitude: -96.73168
Summary Report
Facility Report
Compliance Report
View Report

V & J REPAIR
1619 1ST AVE N
MOORHEAD, MN 56560
Latitude: 46.8756
Longitude: -96.75356
Summary Report
Facility Report
Compliance Report
View Report

VALLEY REPAIR INC
2505 16TH AVE S
MOORHEAD, MN
56560-3807
Latitude: 46.85798
Longitude: -96.74141
Summary Report
Facility Report
Compliance Report
View Report

VFW - POST 1223
2201 1ST NORTH AVENUE MOORHEAD,
MN 56560
Latitude: 46.63
Longitude: -96.7
Summary Report
Facility Report
View Report

Compliance Report

VIKING BODY SHOP
2020 7TH AVE N
MOORHEAD, MN 56560
Latitude: 46.8827
Longitude: -96.74702
Summary Report
Facility Report
Compliance Report
View Report

WALGREEN'S STORE
10187
900 MAIN AVE
MOORHEAD, MN 56560
Latitude: 46.87377
Longitude: -96.76628
Summary Report
Facility Report
Compliance Report
View Report

WALGREEN'S STORE
12509
700 30TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84457
Longitude: -96.76896
Summary Report
Facility Report
Compliance Report
View Report

WARD MUSCATELL AUTO GROUP
1416 30TH AVE S
MOORHEAD, MN 56560
Latitude: 46.84446
Longitude: -96.75692
Summary Report
Facility Report
Compliance Report
View Report

WENDT CUSTOM CABINETS & COUNTERTOPS
2720 22ND AVE S
MOORHEAD, MN 56560
Latitude: 46.85395
Longitude: -96.73546
Summary Report
Facility Report
Compliance Report
View Report

WEST PARKING LOT
16 3RD STREET SOUTH
MOORHEAD, MN 56560
Latitude: 46.874003
Longitude: -96.775293
Summary Report
Facility Report
Compliance Report
View Report

WHEELSPORTS INC
1217 HIGHWAY 231 S
MOORHEAD, MN 56560
Latitude: 46.865801
Longitude: -96.743105
View Report

Summary Report
Facility Report
Compliance Report

YOUTH EDUCATIONAL SERVICES
2215 12TH AVE S
MOORHEAD, MN 56560
Latitude: 46.8614
Longitude: -96.74571

View Report

Summary Report
Facility Report
Compliance Report

HUBERT OYE & SONS
2720 SECOND AVE. N
MOORHEAD, ND 56560
Latitude: 46.87764
Longitude: -96.73664

View Report

Summary Report
Facility Report
Compliance Report

APPENDIX J
ENVIRONMENTAL DATABASE

4111 30th Avenue South
4111 30th Avenue South
Moorhead, MN 56560

Inquiry Number: 5367936.2s
July 20, 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

4111 30TH AVENUE SOUTH
MOORHEAD, MN 56560

COORDINATES

Latitude (North):	46.8428960 - 46° 50' 34.42"
Longitude (West):	96.7119470 - 96° 42' 43.00"
Universal Tranverse Mercator:	Zone 14
UTM X (Meters):	674462.2
UTM Y (Meters):	5190029.5
Elevation:	911 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5959610 SABIN, MN
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150902
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
4111 30TH AVENUE SOUTH
MOORHEAD, MN 56560

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	EARTHWISE PROCESSORS	4111 30TH AVE S	TIER 2		TP
2	NEW PARKING LOT	4108 30TH AVE S	WIMN, NPDES	Higher	104, 0.020, NNE
A3	CLAY COUNTY HIGHWAY	4150 30TH AVE S	WIMN	Higher	198, 0.038, ENE
4	PACTIV	3201 41ST ST S	WIMN	Higher	238, 0.045, SW
A5	GAVILON FERTILIZER L	4141 30TH AVE S	BULK	Higher	239, 0.045, ENE
B6	ELLIOTT TRANSPORT SY	4104 32ND AVE S	WIMN	Higher	285, 0.054, South
7	PIONEER HI-BRED INTE	4050 30TH AVE S	WIMN	Higher	387, 0.073, NW
8	MIDWEST CONCRETE PUM	4117 32ND AVE S	WIMN, NPDES	Higher	398, 0.075, SSE
B9	ELLIOTT TRANSPORT SY	4101 32ND AVE S	RCRA-CESQG, FINDS, ECHO	Higher	401, 0.076, SSW
B10	ELLIOTT TRANSPORT SY	4101 32ND AVE S	ENF, WIMN	Higher	401, 0.076, SSW
C11	MNDOT D4 MOORHEAD	2951 41 1/2 ST S	WIMN	Higher	618, 0.117, NE
C12	MNDOT D4 MOORHEAD	2951 41 1/2 ST S	RCRA-CESQG	Higher	618, 0.117, NE
D13	PACTIV CORP - SW	3010 42ND ST S	AST	Higher	793, 0.150, ESE
D14	BUILDING EXPANSION A	3010 42ND STREET SOU	WIMN	Higher	793, 0.150, ESE
D15	PACTIV CORP - SW	3010 42ND ST S	WIMN	Higher	793, 0.150, ESE
D16	PACTIV LLC	3010 42ND ST S	WIMN	Higher	793, 0.150, ESE
D17	PACTIV CORP	3010 42ND ST S	RCRA-CESQG, SWRCY, FINDS, ECHO, ENF, Financial...	Higher	793, 0.150, ESE
E18	RDO EQUIPMENT CO - M	2900 MAIN AVE SE	MANIFEST, WIMN, NPDES	Higher	927, 0.176, NW
E19	RDO EQUIPMENT CO	2900 MAIN AVE E	AST	Higher	927, 0.176, NW
E20	RDO EQUIPMENT CO	2900 MAIN AVE E	Financial Assurance, WIMN	Higher	927, 0.176, NW
E21	RDO EQUIPMENT CO - M	2900 MAIN AVE SE	RCRA-CESQG	Higher	927, 0.176, NW
22	H&S CONTRACTING	4110 34TH AVE SOUTH	WIMN, NPDES	Higher	1395, 0.264, SSE
23	D & M WAREHOUSE	ADDRESS UNKNOWN	WIMN	Higher	1423, 0.270, SSE
24	UNISHIPPERS ADDITION	4225 30TH AVENUE SOU	WIMN, NPDES	Higher	1452, 0.275, East
F25	HOLIDAY STATIONSTORE	3475 28TH AVE S	WIMN	Higher	1590, 0.301, North
F26	HOLIDAY STATIONSTORE	3475 28TH AVE S	WIMN, NPDES	Higher	1590, 0.301, North
27	RIGELS WAREHOUSE	3340 42 STREET SOUTH	ENF, WIMN, NPDES	Higher	1602, 0.303, SE
28	MJOLSNESS PROPERTIES	3305 SOUTH 43RD STRE	ENF, WIMN, NPDES	Higher	1661, 0.315, ESE
29	HARDEE'S RESTAURANT	3402 28TH AVE. S.	WIMN, NPDES	Higher	1686, 0.319, NNW
F30	SANFORD MOORHEAD CLI	4000 28TH ST	WIMN, NPDES	Higher	1688, 0.320, NNW
G31	GLOBE UNIVERSITY - M	2777 34TH ST S	WIMN	Higher	1732, 0.328, South
G32	CLAY COUNTY RESOURCE	1701 34TH ST N	SWF/LF, WIMN	Higher	1784, 0.338, South
33	11-A2-2 VILLAGE GREE	ADDRESS UNKNOWN	WIMN	Higher	1965, 0.372, WSW
34	OPPORTUNITY SUBSTATI	ADDRESS UNKNOWN	WIMN	Higher	2271, 0.430, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
EARTHWISE PROCESSORS 4111 30TH AVE S MOORHEAD, MN 56560	TIER 2 ERC Number: 141450051	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

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

Federal institutional controls / engineering controls registries

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

UNPERM LF ..... Unpermitted Facilities
LCP ..... Closed Landfills Priority List

State and tribal leaking storage tank lists

LUST ..... Leak Sites
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
UST ..... Underground Storage Tank Database
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

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
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
SRS	Site Remediation Section Database
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
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
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
VAPOR	Vapor Intrusion
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

Federal RCRA generators list

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ELLIOTT TRANSPORT SY	***4101 32ND AVE S***	***SSW 0 - 1/8 (0.076 mi.)***	***B9***	***20***
MNDOT D4 MOORHEAD	2951 41 1/2 ST S	NE 0 - 1/8 (0.117 mi.)	C12	25
PACTIV CORP	***3010 42ND ST S***	***ESE 1/8 - 1/4 (0.150 mi.)***	***D17***	***31***
RDO EQUIPMENT CO - M	2900 MAIN AVE SE	NW 1/8 - 1/4 (0.176 mi.)	E21	105

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Minnesota Pollution Control's Permitted Solid Waste Disposal Facilities list.

A review of the SWF/LF list, as provided by EDR, and dated 05/04/2018 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLAY COUNTY RESOURCE	***1701 34TH ST N***	***S 1/4 - 1/2 (0.338 mi.)***	***G32***	***129***

State and tribal registered storage tank lists

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Minnesota Pollution Control's Aboveground Storage Tank File.

A review of the AST list, as provided by EDR, and dated 05/04/2018 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PACTIV CORP - SW Tank Status: Closed	3010 42ND ST S	ESE 1/8 - 1/4 (0.150 mi.)	D13	27
RDO EQUIPMENT CO Tank Status: Closed Tank Status: Active	2900 MAIN AVE E	NW 1/8 - 1/4 (0.176 mi.)	E19	100

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

A review of the SWRCY list, as provided by EDR, and dated 01/31/2018 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PACTIV CORP	***3010 42ND ST S***	***ESE 1/8 - 1/4 (0.150 mi.)***	***D17***	***31***

Other Ascertainable Records

BULK: Facilities that use pesticides or fertilizers. The data come from the Minnesota Department of Agriculture.

A review of the BULK list, as provided by EDR, and dated 05/07/2018 has revealed that there is 1 BULK site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GAVILON FERTILIZER L License Number: 20148688	4141 30TH AVE S	ENE 0 - 1/8 (0.045 mi.)	A5	14

MANIFEST: Hazardous waste manifest data.

A review of the MANIFEST list, as provided by EDR, and dated 06/30/2016 has revealed that there are 2 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PACTIV CORP	***3010 42ND ST S***	***ESE 1/8 - 1/4 (0.150 mi.)***	***D17***	***31***
RDO EQUIPMENT CO - M	***2900 MAIN AVE SE***	***NW 1/8 - 1/4 (0.176 mi.)***	***E18***	***91***

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 04/05/2018 has revealed that there are 26 WIMN sites within approximately 0.5 miles of the target property.

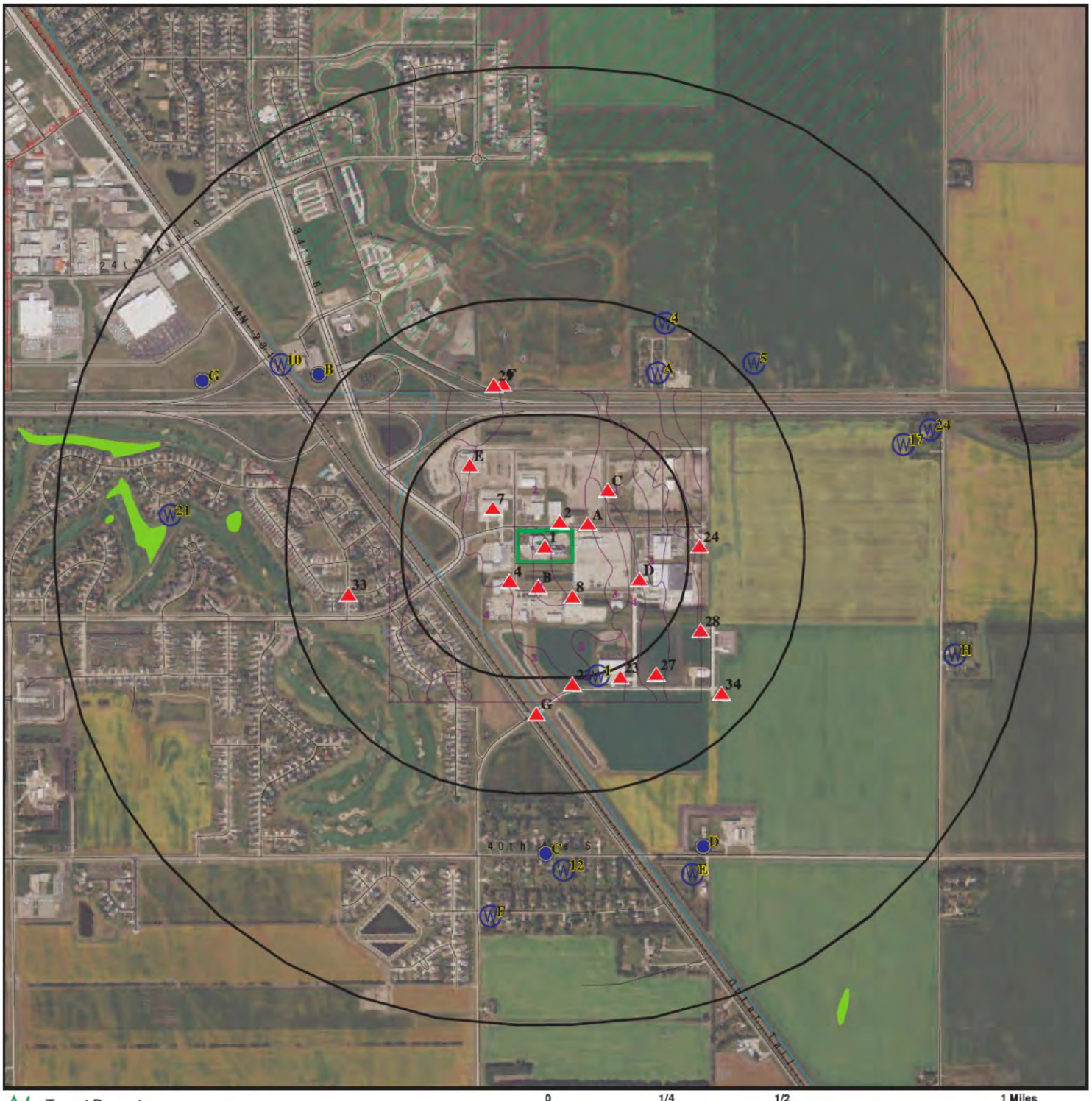
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEW PARKING LOT Status: Y	***4108 30TH AVE S***	***NNE 0 - 1/8 (0.020 mi.)***	***2***	***9***
CLAY COUNTY HIGHWAY Status: N	4150 30TH AVE S	ENE 0 - 1/8 (0.038 mi.)	A3	12
PACTIV Status: N	3201 41ST ST S	SW 0 - 1/8 (0.045 mi.)	4	13
ELLIOTT TRANSPORT SY	4104 32ND AVE S	S 0 - 1/8 (0.054 mi.)	B6	15

Status: Y				
PIONEER HI-BRED INTE Status: Y	4050 30TH AVE S	NW 0 - 1/8 (0.073 mi.)	7	16
MIDWEST CONCRETE PUM Status: N	***4117 32ND AVE S***	***SSE 0 - 1/8 (0.075 mi.)***	***8***	***17***
ELLIOTT TRANSPORT SY Status: N	***4101 32ND AVE S***	***SSW 0 - 1/8 (0.076 mi.)***	***B10***	***22***
MNDOT D4 MOORHEAD Status: Y	2951 41 1/2 ST S	NE 0 - 1/8 (0.117 mi.)	C11	24
BUILDING EXPANSION A Status: Y	3010 42ND STREET SOU	ESE 1/8 - 1/4 (0.150 mi.)	D14	28
PACTIV CORP - SW Status: N	3010 42ND ST S	ESE 1/8 - 1/4 (0.150 mi.)	D15	29
PACTIV LLC Status: Y	3010 42ND ST S	ESE 1/8 - 1/4 (0.150 mi.)	D16	30
RDO EQUIPMENT CO - M Status: Y	***2900 MAIN AVE SE***	***NW 1/8 - 1/4 (0.176 mi.)***	***E18***	***91***
RDO EQUIPMENT CO Status: Y	***2900 MAIN AVE E***	***NW 1/8 - 1/4 (0.176 mi.)***	***E20***	***102***
H&S CONTRACTING Status: Y	***4110 34TH AVE SOUTH***	***SSE 1/4 - 1/2 (0.264 mi.)***	***22***	***107***
D & M WAREHOUSE Status: Y	ADDRESS UNKNOWN	SSE 1/4 - 1/2 (0.270 mi.)	23	109
UNISHIPPERS ADDITION Status: Y	***4225 30TH AVENUE SOU***	***E 1/4 - 1/2 (0.275 mi.)***	***24***	***110***
HOLIDAY STATIONSTORE Status: Y	3475 28TH AVE S	N 1/4 - 1/2 (0.301 mi.)	F25	113
HOLIDAY STATIONSTORE Status: N	***3475 28TH AVE S***	***N 1/4 - 1/2 (0.301 mi.)***	***F26***	***114***
RIGELS WAREHOUSE Status: Y	***3340 42 STREET SOUTH***	***SE 1/4 - 1/2 (0.303 mi.)***	***27***	***116***
MJOLSNESS PROPERTIES Status: Y	***3305 SOUTH 43RD STRE***	***ESE 1/4 - 1/2 (0.315 mi.)***	***28***	***120***
HARDEE'S RESTAURANT Status: Y	***3402 28TH AVE. S.***	***NNW 1/4 - 1/2 (0.319 mi.)***	***29***	***123***
SANFORD MOORHEAD CLI Status: Y	***4000 28TH ST***	***NNW 1/4 - 1/2 (0.320 mi.)***	***F30***	***126***
GLOBE UNIVERSITY - M Status: Y	2777 34TH ST S	S 1/4 - 1/2 (0.328 mi.)	G31	128
CLAY COUNTY RESOURCE Status: Y	***1701 34TH ST N***	***S 1/4 - 1/2 (0.338 mi.)***	***G32***	***129***
11-A2-2 VILLAGE GREE Status: N	ADDRESS UNKNOWN	WSW 1/4 - 1/2 (0.372 mi.)	33	131
OPPORTUNITY SUBSTATI Status: Y	ADDRESS UNKNOWN	SE 1/4 - 1/2 (0.430 mi.)	34	132

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5367936.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

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:	4111 30th Avenue South	CLIENT:	Property Solutions, Inc.
ADDRESS:	4111 30th Avenue South Moorhead MN 56560	CONTACT:	Brian Gallagher
		INQUIRY #:	5367936.2s
LAT/LONG:	46.842896 / 96.711947	DATE:	July 20, 2018 10:13 am

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DETAIL MAP - 5367936.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

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:	4111 30th Avenue South	CLIENT:	Property Solutions, Inc.
ADDRESS:	4111 30th Avenue South Moorhead MN 56560	CONTACT:	Brian Gallagher
		INQUIRY #:	5367936.2s
LAT/LONG:	46.842896 / 96.711947	DATE:	July 20, 2018 10:15 am

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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								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		2	2	NR	NR	NR	4
Federal institutional controls / engineering controls registries								
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
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
MN PLP	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
UNPERM LF	0.500		0	0	0	NR	NR	0
SWF/LF	0.500		0	0	1	NR	NR	1
LCP	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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	0	NR	NR	NR	0
AST	0.250		0	2	NR	NR	NR	2
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	1	0	NR	NR	1
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	TP		NR	NR	NR	NR	NR	0
SRS	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
MN DEL PLP	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
AGSPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	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	TP		NR	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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	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	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
BULK	0.250		1	0	NR	NR	NR	1
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
MN HWS Permit	1.000		0	0	0	0	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	2	NR	NR	NR	2

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	TP	1	NR	NR	NR	NR	NR	1
VAPOR	0.500		0	0	0	NR	NR	0
WIMN	0.500		8	5	13	NR	NR	26
NPDES	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR 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	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	11	12	14	0	0	38

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 **EARTHWISE PROCESSORS** **TIER 2** **S107728677**
Target **4111 30TH AVE S** **N/A**
Property **MOORHEAD, MN 56560**

Actual:
911 ft.

TIER 2:

Year:	2004
Facility Status:	Not reported
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
NAICS:	Not reported
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:	Not reported
Own Country:	Not reported
Site Plan:	Yes
Confidential Location:	No
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported
Facility Id:	141450051
CAS Number:	No
Chemical Id:	Not reported
Chemical Name:	GRAIN DUST

EARTHWISE PROCESSORS (Continued) **S107728677**

EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	C14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
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

---

2 **NEW PARKING LOT** **WIMN S120061838**
NNE **4108 30TH AVE S** **NPDES N/A**
< 1/8 **MOORHEAD, MN 56560**
0.020 mi.
104 ft.

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	Y
Latitude:	46.844382000000003
Longitude:	-96.710864999999998
Item ID:	214396-AISI0000214396
AI ID:	214396
Document ID:	0

NEW PARKING LOT (Continued) **S120061838**

Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	214396
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	CEN
Ref Description:	Center of Feature Represented
Location Verified Flag:	N
Collection Date:	10/04/2016
Timestamp of Creation:	10/04/2016
User Name of Creator:	RSP
Timestamp of Last Update:	08/16/2017
User Name of Last Update:	ceidem
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00044634
MPCA List:	C00044634
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=214396

NPDES:

Envid:	S120061838
Facility Name:	NEW PARKING LOT
Address:	Not reported
Active:	N
Interest Type Description:	Not reported
Activity ID:	C00044634
Preferred ID:	Not reported
Activity Sys ID:	21439644634

NEW PARKING LOT (Continued) **S120061838**

Activity Type:	Coverage Termination
Activity Type Code:	56
Effective Start Date:	10/10/2016
End Date:	06/30/2017
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	46.844382
Longitude Degree:	-96.710865
Location Description:	Not reported
New Imp Area:	1.3
Old Imp Area:	0
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Not reported
Owner Organization Type:	Not reported
Permit Sys ID:	3072393
Project Name:	New Parking Lot
Project Size:	1.3
Termination Date:	06/14/2017
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported

NEW PARKING LOT (Continued) **S120061838**

Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

A3 **CLAY COUNTY HIGHWAY DEPT - SW** **WIMN** **S110186605**
ENE **4150 30TH AVE S** **N/A**
< 1/8 **MOORHEAD, MN 56560**
0.038 mi.
198 ft. **Site 1 of 2 in cluster A**

Relative: WIMN:
Higher

Actual: Status:	N
911 ft. Latitude:	46.843534640000001
Longitude:	-96.708977779999998
Item ID:	102646-AISI0000102646
AI ID:	102646
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	102646
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	13948223bb
PLS Township:	139
Range:	48
Range Direction:	W
Section:	23
Quarters:	bb
Collection Method Code:	A1
Method Description:	Address Matching House Number
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	08/25/2017
Timestamp of Creation:	05/19/2005
User Name of Creator:	DELTA_M_R1

CLAY COUNTY HIGHWAY DEPT - SW (Continued) **S110186605**

Timestamp of Last Update:	08/25/2017
User Name of Last Update:	geo_nc
Status Date:	05/19/2005
The Delta Spatial ID:	100475
Activity:	Industrial Stormwater
Activity List:	Industrial Stormwater
MPCA ID:	A00015824
MPCA List:	A00015824
Program List:	Stormwater
Classification:	Heavy Construction Other Than Building Construction Contractors; Justice, Public Order, and Safety
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=102646

WIMN:

Legislative District:	4A
Latitude:	46.84353320
Longitude:	-96.71052138
Activity:	Industrial Stormwater Permit
MPCA ID:	A00015824
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=158924
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

4
SW
< 1/8
0.045 mi.
238 ft.

PACTIV **WIMN** **S110697810**
3201 41ST ST S **N/A**
MOORHEAD, MN 56560

Relative: Higher

Actual: 911 ft.

WIMN:

Status:	N
Latitude:	46.841534099999997
Longitude:	-96.713372100000001
Item ID:	125505-AISI0000125505
AI ID:	125505
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	125505
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
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City, Township or Unorganized Name:	Moorhead
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USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
MDH Drinking Water Management Code:	Not reported

PACTIV (Continued) **S110697810**

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:	04/07/2016
Timestamp of Creation:	10/30/2007
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	01/25/2012
The Delta Spatial ID:	53815080
Activity:	Industrial Stormwater
Activity List:	Industrial Stormwater
MPCA ID:	A00020481
MPCA List:	A00020481
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=125505

WIMN:

Legislative District:	4A
Latitude:	46.84153418
Longitude:	-96.71337217
Activity:	Industrial Stormwater Permit
MPCA ID:	A00020481
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=53815079
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

A5 **GAVILON FERTILIZER LLC** **BULK** **S113870398**
ENE **4141 30TH AVE S** **N/A**
< 1/8 **MOORHEAD, MN**
0.045 mi.
239 ft. **Site 2 of 2 in cluster A**

Relative:
Higher

Actual:
911 ft.

MN BULK:

Facility Type:	BULK PESTICIDE/FERTILIZER STORAGE PERMIT
Facility Address 2:	Not reported
Facility Phone:	--
License Number:	20148688
Relationship:	PERMIT HOLDER
Ends:	Not reported

B6
South
< 1/8
0.054 mi.
285 ft.

ELLIOTT TRANSPORT SYSTEMS **WIMN** **S110594751**
4104 32ND AVE S **N/A**
MOORHEAD, MN 56561

Site 1 of 3 in cluster B

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	Y
Latitude:	46.841036000000003
Longitude:	-96.712305499999999
Item ID:	121558-AISI0000121558
AI ID:	121558
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	121558
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	08/11/2010
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:	58437570
Activity:	Industrial Stormwater
Activity List:	Industrial Stormwater
MPCA ID:	MNR05354F
MPCA List:	MNR05354F
Program List:	Stormwater
Classification:	Not reported

ELLIOTT TRANSPORT SYSTEMS (Continued) **S110594751**

Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=121558

WIMN:

Legislative District:	4A
Latitude:	46.84103600
Longitude:	-96.71230552
Activity:	Industrial Stormwater Permit
MPCA ID:	MNR05354F
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=58437551
Coordinate Collection Method:	Digitized - Permit Application Map
Status:	Inactive

7
NW
< 1/8
0.073 mi.
387 ft.

PIONEER HI-BRED INTERNATIONAL INC **WIMN** **S110438750**
4050 30TH AVE S **N/A**
MOORHEAD, MN 56560

Relative: Higher

Actual: 911 ft.

WIMN:

Status:	Y
Latitude:	46.843113099999997
Longitude:	-96.715257500000007
Item ID:	121395-AISI0000121395
AI ID:	121395
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	121395
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:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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

PIONEER HI-BRED INTERNATIONAL INC (Continued) **S110438750**

Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	06/25/2008
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:	54606447
Activity:	Hazardous Waste, Minimal quantity generator
Activity List:	Hazardous Waste, Minimal quantity generator
MPCA ID:	MNS000137612
MPCA List:	MNS000137612
Program List:	Hazardous Waste
Classification:	Soil Preparation, Planting, and Cultivating
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=121395

WIMN:

Legislative District:	4A
Latitude:	46.84311315
Longitude:	-96.71525757
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNS000137612
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=54606446
Coordinate Collection Method:	Address Matching House Number
Status:	Active

---

8 **MIDWEST CONCRETE PUMPING** **WIMN S110217352**
SSE **4117 32ND AVE S** **NPDES N/A**
< 1/8 **MOORHEAD, MN 56560**
0.075 mi.
398 ft.

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	N
Latitude:	46.841366800000003
Longitude:	-96.711738499999996
Item ID:	94000-AISI0000094000
AI ID:	94000
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	94000
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North

MIDWEST CONCRETE PUMPING (Continued) **S110217352**

USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	06/17/2005
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	12/05/2006
The Delta Spatial ID:	100941
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00015307
MPCA List:	C00015307
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=94000

WIMN:

Legislative District:	4A
Latitude:	46.84144475
Longitude:	-96.71228028
Activity:	Construction Stormwater Permit
MPCA ID:	C00015307
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=160532
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

NPDES:

Envid:	S110217352
Facility Name:	MIDWEST CONCRETE PUMPING
Address:	Not reported
Active:	N
Interest Type Description:	Not reported
Activity ID:	C00015307
Preferred ID:	Not reported
Activity Sys ID:	9400015307
Activity Type:	Coverage Termination
Activity Type Code:	56
Effective Start Date:	06/01/2005
End Date:	10/01/2005

MIDWEST CONCRETE PUMPING (Continued) **S110217352**

Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	46.8413668
Longitude Degree:	-96.7117385
Location Description:	Not reported
New Imp Area:	0.75
Old Imp Area:	0
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Not reported
Owner Organization Type:	Not reported
Permit Sys ID:	53888
Project Name:	Midwest Concrete Pumping
Project Size:	1.87
Termination Date:	12/05/2006
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported

MIDWEST CONCRETE PUMPING (Continued) **S110217352**

Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

B9
SSW
< 1/8
0.076 mi.
401 ft.

ELLIOTT TRANSPORT SYSTEMS INC
4101 32ND AVE S
MOORHEAD, MN 56561

RCRA-CESQG 1006808946
FINDS MNR000117275
ECHO

Site 2 of 3 in cluster B

Relative:
Higher

Actual:
911 ft.

RCRA-CESQG:

Date form received by agency:	04/22/2003
Facility name:	ELLIOTT TRANSPORT SYSTEMS INC
Facility address:	4101 32ND AVE S MOORHEAD, MN 56560
EPA ID:	MNR000117275
Mailing address:	PO BOX 366 MOORHEAD, MN 56561-0366
Contact:	KRISTI KIPPEN
Contact address:	PO BOX 366 MOORHEAD, MN 56561-0366
Contact country:	US
Contact telephone:	218-236-9220
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	JAMES E ELLIOTT
Owner/operator address:	PO BOX 366 MOORHEAD, MN 56561
Owner/operator country:	US
Owner/operator telephone:	218-236-9220
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:	04/22/2003
Owner/Op end date:	Not reported

ELLIOTT TRANSPORT SYSTEMS INC (Continued) **1006808946**

Owner/operator name: ELLIOTT TRANSPORT SYSTEMS INC
Owner/operator address: PO BOX 366
MOORHEAD, MN 56561
Owner/operator country: US
Owner/operator telephone: 218-236-9220
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: 03/19/2003
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: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/18/2003
Date achieved compliance: 06/18/2003
Violation lead agency: State
Enforcement action: Letter of Warning (LOW)
Enforcement action date: 03/25/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/18/2003

ELLIOTT TRANSPORT SYSTEMS INC (Continued) **1006808946**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/18/2003
Evaluation lead agency: State

FINDS:

Registry ID: 110014455598

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

STATE MASTER

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

ECHO:
Envid: 1006808946
Registry ID: 110014455598
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110014455598

B10 **ELLIOTT TRANSPORT SYSTEMS INC** **ENF** **S106113368**
SSW **4101 32ND AVE S** **WIMN** **N/A**
< 1/8 **MOORHEAD, MN 56560**
0.076 mi.
401 ft. **Site 3 of 3 in cluster B**

Relative: **Higher**
Actual: **911 ft.**

MN Enforcement Log :
Facility ID: MNR000117275
Violation: 262.A - Generators - General
Determined Date: 03/18/2003
Determined By: State
Responsible Agency: Not reported
RTC Date: 06/18/2003
Enforcement Sequence: 001
Effective End Date: 03/25/2003
Enforcement Type: Letter of Warning
Lead Agency: State
Sequence: 1
AI ID: 92154
Activity ID: NON20030001
Public Flag: Y
Latitude: 46.8413771
Longitude: -96.7124087
Coord Collect Meth Desc: Address Matching House Number
Mailing Address1: PO Box 366
Mailing City Name: Moorhead
Mailing State Code: MN
Mailing Zip Code: 56561-0366
Responsible Party: Elliott Transport Systems Inc (Moorhead, MN)
Zero Date: 03/18/2003

ELLIOTT TRANSPORT SYSTEMS INC (Continued) **S106113368**

Case Closed:	Not reported
Case Lead:	Steven LaRoque
Attorney Assigned:	Not reported
Lead Program:	Hazardous Waste
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

WIMN:

Status:	N
Latitude:	46.841377100000003
Longitude:	-96.712408699999997
Item ID:	92154-AISI0000092154
AI ID:	92154
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	92154
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:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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

ELLIOTT TRANSPORT SYSTEMS INC (Continued) **S106113368**

Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	03/19/2003
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	05/31/2014
The Delta Spatial ID:	89302
Activity:	Hazardous Waste
Activity List:	Hazardous Waste
MPCA ID:	MNR000117275
MPCA List:	MNR000117275
Program List:	Hazardous Waste
Classification:	General Freight Trucking, Long-Distance, Truckload ; General Automotive Repair
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=92154

WIMN:

Legislative District:	4A
Latitude:	46.84144161
Longitude:	-96.71309567
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNR000117275
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=122972
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

C11 **MNDOT D4 MOORHEAD** **WIMN S110436969**
NE **2951 41 1/2 ST S** **N/A**
< 1/8 **MOORHEAD, MN 56560**
0.117 mi.
618 ft. **Site 1 of 2 in cluster C**

Relative: **Higher**

Actual: **911 ft.**

WIMN:

Status:	Y
Latitude:	46.844661600000002
Longitude:	-96.7092521
Item ID:	65427-AISI0000065427
AI ID:	65427
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	65427
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:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104

MNDOT D4 MOORHEAD (Continued) **S110436969**

USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	12/31/2009
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:	57401102
Activity:	Hazardous Waste, Minimal quantity generator
Activity List:	Hazardous Waste, Minimal quantity generator
MPCA ID:	MNS000151522
MPCA List:	MNS000151522
Program List:	Hazardous Waste
Classification:	Regulation and Administration of Transportation Programs
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=65427

WIMN:

Legislative District:	4A
Latitude:	46.84466162
Longitude:	-96.70925212
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNS000151522
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=57401101
Coordinate Collection Method:	Address Matching House Number
Status:	Active

C12 **MNDOT D4 MOORHEAD** **RCRA-CESQG** **1012211449**
NE **2951 41 1/2 ST S** **MNS000151522**
< 1/8 **MOORHEAD, MN 56560**
0.117 mi.
618 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
911 ft.

RCRA-CESQG:

Date form received by agency:	12/30/2009
Facility name:	MNDOT D4 MOORHEAD
Facility address:	2951 41 1/2 ST S MOORHEAD, MN 56560
EPA ID:	MNS000151522
Mailing address:	1000 HIGHWAY 10 W

MNDOT D4 MOORHEAD (Continued) **1012211449**

DETROIT LAKES, MN 56501
Contact: ERIC NESS
Contact address: 1000 HIGHWAY 10 W
DETROIT LAKES, MN 56501
Contact country: US
Contact telephone: 218-846-3637
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: MNDOT CENTRAL OFFICE
Owner/operator address: 395 JOHN IRELAND BLVD
ST. PAUL, MN 55155
Owner/operator country: US
Owner/operator telephone: 218-846-3637
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 12/31/2009
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

Violation Status: No violations found

D13 **PACTIV CORP - SW** **AST** **A100289584**
ESE **3010 42ND ST S** **N/A**
1/8-1/4 **MOORHEAD, MN 56560**
0.150 mi.
793 ft. **Site 1 of 5 in cluster D**

Relative: **Higher**

Actual: **911 ft.**

AST:

AI ID:	98285
Tank Site ID:	TS0124172
Item ID:	98285-EQUI0000000001
SI Type:	Aboveground Storage Tank
Si Design:	1001
SI Description:	Not reported
Substance:	Other
Compartment Number:	1
Wall Type:	Single
Overfill Prevention System:	AST None
Install Date:	1999-06-01 00:00:00
Status Change Date:	1999-06-01 00:00:00
Material:	Plastic (PVC, Flexible Plastic, etc.)
Tank Status:	Closed
Tanks Contractor:	Not reported
Capacity Gallon:	7000
Longitude:	-96.728324169999993
Latitude:	46.845930719999998
Coord Collection Method:	Public Land Survey-Two Quarter
Owner Name:	Pactiv Llc
Owner Address:	1900 West Field Ct
Owner City:	Lake Forest
Owner State:	IL
Owner Zip:	60045
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=98285-TS0124172&programInterest=TS

AI ID:	98285
Tank Site ID:	TS0124172
Item ID:	98285-EQUI0000000002
SI Type:	Aboveground Storage Tank
Si Design:	1002
SI Description:	Not reported
Substance:	Chemical Other Or Unspecified
Compartment Number:	1
Wall Type:	Single
Overfill Prevention System:	AST None
Install Date:	1993-06-01 00:00:00
Status Change Date:	1993-06-01 00:00:00
Material:	Plastic (PVC, Flexible Plastic, etc.)
Tank Status:	Closed
Tanks Contractor:	Not reported
Capacity Gallon:	6000
Longitude:	-96.728324169999993
Latitude:	46.845930719999998
Coord Collection Method:	Public Land Survey-Two Quarter
Owner Name:	Pactiv Llc
Owner Address:	1900 West Field Ct
Owner City:	Lake Forest
Owner State:	IL
Owner Zip:	60045
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=98285-

PACTIV CORP - SW (Continued) **A100289584**

TS0124172&programInterest=TS

D14
ESE
1/8-1/4
0.150 mi.
793 ft.

BUILDING EXPANSION AND PARKING LOT **WIMN** **S112190336**
3010 42ND STREET SOUTH **N/A**
MOORHEAD, MN 56560

Site 2 of 5 in cluster D

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	Y
Latitude:	46.8416
Longitude:	-96.707599999999999
Item ID:	138873-AISI0000138873
AI ID:	138873
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	138873
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	I2
Method Description:	Digitized-DOQ
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	08/27/2012
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:	63711469
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00034538

BUILDING EXPANSION AND PARKING LOT (Continued) **S112190336**

MPCA List:	C00034538
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=138873

WIMN:

Legislative District:	4A
Latitude:	46.8416
Longitude:	-96.70760002
Activity:	Construction Stormwater Permit
MPCA ID:	C00034538
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=63711456
Coordinate Collection Method:	Digitized-DOQ
Status:	Active

D15 **PACTIV CORP - SW** **WIMN** **S109685597**
ESE **3010 42ND ST S** **N/A**
1/8-1/4 **MOORHEAD, MN 56560**
0.150 mi.
793 ft. **Site 3 of 5 in cluster D**

Relative: **Higher**
Actual: **911 ft.**

WIMN:

Status:	N
Latitude:	46.838583800000002
Longitude:	-96.701937700000002
Item ID:	98285-AISI0000098285
AI ID:	98285
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	98285
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:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported
Location Description:	Not reported
Township, Range, Direction, Section QQ:	13948223db
PLS Township:	139
Range:	48
Range Direction:	W
Section:	23
Quarters:	db

PACTIV CORP - SW (Continued) **S109685597**

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:	12/13/2004
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	09/15/2006
The Delta Spatial ID:	98722
Activity:	Aboveground Tanks
Activity List:	Aboveground Tanks
MPCA ID:	TS0124172
MPCA List:	TS0124172
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=98285

WIMN:

Legislative District:	4A
Latitude:	46.84352523
Longitude:	-96.70870576
Activity:	Tank Site
MPCA ID:	124172
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=151032
Coordinate Collection Method:	Address Matching House Number
Status:	Inactive

D16 **PACTIV LLC** **WIMN** **S113485956**
ESE **3010 42ND ST S** **N/A**
1/8-1/4 **MOORHEAD, MN 56560**
0.150 mi.
793 ft. **Site 4 of 5 in cluster D**

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	Y
Latitude:	46.843618800000002
Longitude:	-96.707360399999999
Item ID:	4561-AISI0000004561
AI ID:	4561
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	4561
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; ST; WW
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A

PACTIV LLC (Continued) **S113485956**

Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	Not reported
Timestamp of Creation:	08/12/1998
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	03/23/2017
User Name of Last Update:	RSP
Status Date:	Not reported
The Delta Spatial ID:	6161
Activity:	Multiple Activities
Activity List:	Hazardous Waste, Very small quantity generator; Industrial Stormwater; Wastewater
MPCA ID:	Multiple IDs
MPCA List:	A00014060; MN0000293506; MNR0533CZ; MNR053C83; WW-gen
Program List:	Hazardous Waste; Stormwater; Water Quality
Classification:	All Other Converted Paper Product Manufacturing
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=4561

WIMN:

Legislative District:	4A
Latitude:	46.84352523
Longitude:	-96.70870576
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=9211
Coordinate Collection Method:	Address Matching House Number
Status:	Active

D17 **PACTIV CORP** **RCRA-CESQG** **1004726753**
ESE **3010 42ND ST S** **SWRCY** **MN0000293506**
1/8-1/4 **MOORHEAD, MN 56560** **FINDS**
0.150 mi. **ECHO**
793 ft. **Site 5 of 5 in cluster D** **ENF**
Financial Assurance
Relative: **MANIFEST**
Higher **TIER 2**
NPDES
Actual:
911 ft.

PACTIV CORP (Continued) **1004726753**

RCRA-CESQG:

Date form received by agency:	01/31/2008
Facility name:	PACTIV CORP
Facility address:	3010 42ND ST S MOORHEAD, MN 56560
EPA ID:	MN0000293506
Contact:	JONATHAN NELSON
Contact address:	3010 42ND ST S MOORHEAD, MN 56560
Contact country:	US
Contact telephone:	218-233-5000
Contact email:	Not reported
EPA Region:	05
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	PACTIV CORP
Owner/operator address:	1900 FIELD CT W LAKE FOREST, IL 60045
Owner/operator country:	US
Owner/operator telephone:	218-233-5000
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:	07/28/1999
Owner/Op end date:	Not reported
Owner/operator name:	TENNECO PACKAGING
Owner/operator address:	1603 ORRINGTON AVE EVANSTON, IL 60201
Owner/operator country:	Not reported
Owner/operator telephone:	847-492-5713
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:	Not reported
Owner/Op end date:	Not reported

PACTIV CORP (Continued) **1004726753**

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: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/13/2007
Date achieved compliance: 04/23/2007
Violation lead agency: State
Enforcement action: Letter of Warning (LOW)
Enforcement action date: 02/26/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/13/2007
Date achieved compliance: 04/23/2007
Violation lead agency: State
Enforcement action: Letter of Warning (LOW)
Enforcement action date: 02/26/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

PACTIV CORP (Continued) **1004726753**

Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/13/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/23/2007
Evaluation lead agency: State

Evaluation date: 02/13/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/23/2007
Evaluation lead agency: State

Evaluation date: 07/13/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

SWRCY:
Website: www.pactivcorp.com
Facility Phone: (218) 233-5000 phone
Facility Fax: (218) 233-8933 fax
Comments: Not reported
Material Accepted: Paper: *Newspaper *Residential mixed paper
Toll Free: Not reported
URL: https://cf.pca.state.mn.us/oea/market/markets/marketdetail.cfm?OrgID=485

FINDS:

Registry ID: 110003729494

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

STATE MASTER

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

ECHO:
Envid: 1004726753
Registry ID: 110003729494
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110003729494

MN Enforcement Log :
Facility ID: MN0000293506

PACTIV CORP (Continued) **1004726753**

Violation:	262.A - Generators - General
Determined Date:	02/13/2007
Determined By:	State
Responsible Agency:	Not reported
RTC Date:	04/23/2007
Enforcement Sequence:	001
Effective End Date:	02/26/2007
Enforcement Type:	Letter of Warning
Lead Agency:	State
Sequence:	9
AI ID:	4561
Activity ID:	NON20070001
Public Flag:	Y
Latitude:	46.8436188
Longitude:	-96.7073604
Coord Collect Meth Desc:	Address Matching House Number
Mailing Address1:	3010 42nd St S
Mailing City Name:	Moorhead
Mailing State Code:	MN
Mailing Zip Code:	56560
Responsible Party:	Pactiv LLC (Lake Forest, IL)
Zero Date:	02/13/2007
Case Closed:	2007-04-23 00:00:00
Case Lead:	Scot Sokola
Attorney Assigned:	Not reported
Lead Program:	Hazardous Waste
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	Not reported
Calculated:	Not reported
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	Not reported

MN Financial Assurance 1:

PROGRAM ID:	342458
Township Name:	Not reported
Region:	1
Interest Type:	Deleted Tank Site
ADDR ID:	459774
Interest Telephone:	2182335000
Preferred ID:	124172
Interest Start Date:	01/06/2006
Interest End Date:	Not reported
Activity Flag:	Not reported
TMSP Added:	01/06/2006
TMSP Last Update:	09/15/2006 08:53:38
Staff ID Last Update:	RSUCHAN
Source:	TALES
Source ID:	0

PACTIV CORP (Continued) **1004726753**

Country Code:	USA
FOR State:	Not reported
FOR Zone:	None
FIPS County Code:	027
Comments:	Not reported
PROGRAM ID:	342458
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	19721
Interest Telephone:	NO CORE PI PH.
Preferred ID:	124172
Interest Start Date:	01/06/2006
Interest End Date:	09/15/2006
Activity Flag:	N
TMSP Added:	09/15/2006
TMSP Last Update:	11/10/2014 08:17:05
Staff ID Last Update:	RGAGLE
Source:	CORE
Source ID:	151032
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	027
Comments:	Not reported

Latitude Longitude:

Program Id:	342458
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:	01/20/2012 09:59:07
TMSP Last Update:	01/20/2012 09:59:07
Staff ID Last Update:	JHENRY
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	151032
Spatial ID:	51439341
Program Id:	342458
Lat/Long ID:	117744
Latitude Degrees:	46
Latitude Minutes:	50
Latitude Seconds:	18.9
Longitude Degrees:	-96
Longitude Minutes:	42
Longitude Seconds:	6.97

PACTIV CORP (Continued) **1004726753**

Collection Date:	03/19/2010 18:15:27
Lat/Long Description:	Not reported
TMSP Added:	10/12/2005 14:28:38
TMSP Last Update:	03/19/2010 18:40:49
Staff ID Last Update:	MAPT_NC
Coord Source Type:	2
Org Name Source:	Beth Brown
Coord Coll Meth:	A1
Map Scale Code:	Not reported
Source:	CORE
Site ID:	151032
Spatial ID:	51439341

Tab Site:

Program Id:	342458
Facility Code:	19
Above or Under Code:	1
Indian Reservation:	N
Ust Registration Date:	Not reported
Ast Registration Date:	12/19/2005 00:00:00
TMSP Added:	01/06/2006 15:06:06
TMSP Last Update:	05/05/2006 06:53:32
Staff ID Last Update:	RSUCHAN
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	Not reported
Vapor Notif Required:	Not reported

MANIFEST:

Manifest ID:	663201
Generator ID:	MN0000293506
Generator AI ID:	4561
Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	5/4/2000 0:00:00
Fac Copy Recd Date:	2000-05-26 00:00:00
Gen Ship Date:	2000-04-28 00:00:00

PACTIV CORP (Continued) **1004726753**

Trans 1 Recd Date: 2000-04-28 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: 2000-04-28 00:00:00
Comments: Not reported

Contact:
Generator AI ID: 4561
Generator ID: MN0000293506
Generator AI Name: Pactiv LLC
Generator Contact: Peter Sharpe
Contact Address: 3010 42nd St S
Contact City: Moorhead
Contact State: MN
Contact Zip: 56560
Contact Email: psharpe@pactiv.com
Contact Phone: 218-233-5000

NAIC:
Generator AI ID: 4561
Generator ID: MN0000293506
Generator AI Name: Pactiv LLC
NAIC Code: 322299
NAIC Desc: 322299 - All Other Converted Paper Product Manufacturing

Detail:
Manifest ID: 663201
Manifest Row: 1
Haz Material Name: WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number: Not reported
UN NA Number: NA1993
Packing Group Number: III
Container Qty: 1
Container Code: DMML
Waste Qty: 12
Waste Units Code: AD
Waste Code List: D039

Manifest ID: 675468
Generator ID: MN0000293506
Generator AI ID: 4561
Transporter 1 ID: NDD000716738
Transporter 1 AI ID: 37705
Transporter 1 AI Name: Safety Kleen Corp
Transporter 1 Address: 1537 1/2 1st Ave S
Transporter 1 City: Fargo
Transporter 1 State: ND
Transporter 1 ZIP: 58103-1501
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: NDD000716738
TSD AI ID: 37705

PACTIV CORP (Continued) **1004726753**

TSD AI Name: Safety Kleen Corp
TSD Address: 1537 1/2 1st Ave S
TSD City: Fargo
TSD State: ND
TSD Zip: 58103-1501
Gen Copy Recd Date: 3/23/2000 0:00:00
Fac Copy Recd Date: 2000-04-17 00:00:00
Gen Ship Date: 2000-03-17 00:00:00
Trans 1 Recd Date: 2000-03-17 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: 2000-03-17 00:00:00
Comments: Not reported

Contact:
Generator AI ID: 4561
Generator ID: MN0000293506
Generator AI Name: Pactiv LLC
Generator Contact: Peter Sharpe
Contact Address: 3010 42nd St S
Contact City: Moorhead
Contact State: MN
Contact Zip: 56560
Contact Email: psharpe@pactiv.com
Contact Phone: 218-233-5000

NAIC:
Generator AI ID: 4561
Generator ID: MN0000293506
Generator AI Name: Pactiv LLC
NAIC Code: 322299
NAIC Desc: 322299 - All Other Converted Paper Product Manufacturing

Detail:
Manifest ID: 675468
Manifest Row: 1
Haz Material Name: WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number: Not reported
UN NA Number: NA1993
Packing Group Number: III
Container Qty: 3
Container Code: DMML
Waste Qty: 42
Waste Units Code: AD
Waste Code List: D039

Manifest ID: 648272
Generator ID: MN0000293506
Generator AI ID: 4561
Transporter 1 ID: NDD000716738
Transporter 1 AI ID: 37705
Transporter 1 AI Name: Safety Kleen Corp
Transporter 1 Address: 1537 1/2 1st Ave S
Transporter 1 City: Fargo
Transporter 1 State: ND
Transporter 1 ZIP: 58103-1501
Transporter 2 ID: Not reported

PACTIV CORP (Continued) **1004726753**

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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	11/15/1999 0:00:00
Fac Copy Recd Date:	1999-11-22 00:00:00
Gen Ship Date:	1999-11-08 00:00:00
Trans 1 Recd Date:	1999-11-08 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1999-11-08 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
Generator Contact:	Peter Sharpe
Contact Address:	3010 42nd St S
Contact City:	Moorhead
Contact State:	MN
Contact Zip:	56560
Contact Email:	psharpe@pactiv.com
Contact Phone:	218-233-5000

NAIC:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
NAIC Code:	322299
NAIC Desc:	322299 - All Other Converted Paper Product Manufacturing

Detail:

Manifest ID:	648272
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	1
Container Code:	DMML
Waste Qty:	14
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	660872
Generator ID:	MN0000293506
Generator AI ID:	4561

PACTIV CORP (Continued) **1004726753**

Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	12/28/1999 0:00:00
Fac Copy Recd Date:	2000-01-13 00:00:00
Gen Ship Date:	1999-12-23 00:00:00
Trans 1 Recd Date:	1999-12-23 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1999-12-23 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
Generator Contact:	Peter Sharpe
Contact Address:	3010 42nd St S
Contact City:	Moorhead
Contact State:	MN
Contact Zip:	56560
Contact Email:	psharpe@pactiv.com
Contact Phone:	218-233-5000

NAIC:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
NAIC Code:	322299
NAIC Desc:	322299 - All Other Converted Paper Product Manufacturing

Detail:

Manifest ID:	660872
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	1
Container Code:	DMML

PACTIV CORP (Continued) **1004726753**

Waste Qty:	13
Waste Units Code:	AD
Waste Code List:	D039
Manifest ID:	29805
Generator ID:	MN0000293506
Generator AI ID:	4561
Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	8/18/1995 0:00:00
Fac Copy Recd Date:	1995-08-21 00:00:00
Gen Ship Date:	1995-08-11 00:00:00
Trans 1 Recd Date:	1995-08-11 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1995-08-11 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
Generator Contact:	Peter Sharpe
Contact Address:	3010 42nd St S
Contact City:	Moorhead
Contact State:	MN
Contact Zip:	56560
Contact Email:	psharpe@pactiv.com
Contact Phone:	218-233-5000

NAIC:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
NAIC Code:	322299
NAIC Desc:	322299 - All Other Converted Paper Product Manufacturing

PACTIV CORP (Continued) **1004726753**

Detail:

Manifest ID:	29805
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	3
Container Code:	DMML
Waste Qty:	29
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	29806
Generator ID:	MN0000293506
Generator AI ID:	4561
Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	8/10/1999 0:00:00
Fac Copy Recd Date:	1999-09-17 00:00:00
Gen Ship Date:	1999-08-06 00:00:00
Trans 1 Recd Date:	1999-08-06 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1999-08-06 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
Generator Contact:	Peter Sharpe
Contact Address:	3010 42nd St S
Contact City:	Moorhead
Contact State:	MN
Contact Zip:	56560
Contact Email:	psharpe@pactiv.com
Contact Phone:	218-233-5000

PACTIV CORP (Continued) **1004726753**

NAIC:
Generator AI ID: 4561
Generator ID: MN0000293506
Generator AI Name: Pactiv LLC
NAIC Code: 322299
NAIC Desc: 322299 - All Other Converted Paper Product Manufacturing

Detail:
Manifest ID: 29806
Manifest Row: 1
Haz Material Name: WASTE COMBUSTIBLE LIQUID
Haz Class Number: Not reported
UN NA Number: NA1993
Packing Group Number: Not reported
Container Qty: 2
Container Code: DMML
Waste Qty: 30
Waste Units Code: AD
Waste Code List: D039

Manifest ID: 29807
Generator ID: MN0000293506
Generator AI ID: 4561
Transporter 1 ID: NDD000716738
Transporter 1 AI ID: 37705
Transporter 1 AI Name: Safety Kleen Corp
Transporter 1 Address: 1537 1/2 1st Ave S
Transporter 1 City: Fargo
Transporter 1 State: ND
Transporter 1 ZIP: 58103-1501
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: NDD000716738
TSD AI ID: 37705
TSD AI Name: Safety Kleen Corp
TSD Address: 1537 1/2 1st Ave S
TSD City: Fargo
TSD State: ND
TSD Zip: 58103-1501
Gen Copy Recd Date: 10/10/1995 0:00:00
Fac Copy Recd Date: 1995-10-16 00:00:00
Gen Ship Date: 1995-10-05 00:00:00
Trans 1 Recd Date: 1995-10-05 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: 1995-10-05 00:00:00
Comments: Not reported

Contact:
Generator AI ID: 4561
Generator ID: MN0000293506
Generator AI Name: Pactiv LLC

PACTIV CORP (Continued) **1004726753**

Generator Contact:	Peter Sharpe
Contact Address:	3010 42nd St S
Contact City:	Moorhead
Contact State:	MN
Contact Zip:	56560
Contact Email:	psharpe@pactiv.com
Contact Phone:	218-233-5000

NAIC:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
NAIC Code:	322299
NAIC Desc:	322299 - All Other Converted Paper Product Manufacturing

Detail:

Manifest ID:	29807
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	3
Container Code:	DMML
Waste Qty:	27
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	29808
Generator ID:	MN0000293506
Generator AI ID:	4561
Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1997-09-19 00:00:00
Gen Ship Date:	1997-08-28 00:00:00

PACTIV CORP (Continued) **1004726753**

Trans 1 Recd Date:	1997-08-28 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-08-28 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
Generator Contact:	Peter Sharpe
Contact Address:	3010 42nd St S
Contact City:	Moorhead
Contact State:	MN
Contact Zip:	56560
Contact Email:	psharpe@pactiv.com
Contact Phone:	218-233-5000

NAIC:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
NAIC Code:	322299
NAIC Desc:	322299 - All Other Converted Paper Product Manufacturing

Detail:

Manifest ID:	29808
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	10
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	29809
Generator ID:	MN0000293506
Generator AI ID:	4561
Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
Transporter 2 ID:	SCD987574647
Transporter 2 AI ID:	32928
Transporter 2 AI Name:	Laidlaw Environmental Services Tg Inc
Transporter 2 Address:	350 Railroad St
Transporter 2 City:	Roebuck
Transporter 2 State:	SC
Transporter 2 ZIP:	29376-3122
TSD ID:	ILD980613913
TSD AI ID:	37858

PACTIV CORP (Continued) **1004726753**

TSD AI Name:	Safety Kleen Envirosystems Inc
TSD Address:	633 E 138th St
TSD City:	Dolton
TSD State:	IL
TSD Zip:	60419-1058
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	1998-11-23 00:00:00
Gen Ship Date:	1998-10-02 00:00:00
Trans 1 Recd Date:	1998-10-02 00:00:00
Trans 2 Recd Date:	10/8/1998 0:00:00
Tsd Recd Date:	1998-10-09 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
Generator Contact:	Peter Sharpe
Contact Address:	3010 42nd St S
Contact City:	Moorhead
Contact State:	MN
Contact Zip:	56560
Contact Email:	psharpe@pactiv.com
Contact Phone:	218-233-5000

NAIC:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
NAIC Code:	322299
NAIC Desc:	322299 - All Other Converted Paper Product Manufacturing

Detail:

Manifest ID:	29809
Manifest Row:	1
Haz Material Name:	ALIPHATIC
Haz Class Number:	Not reported
UN NA Number:	UN1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	55
Waste Units Code:	AD
Waste Code List:	D001

Manifest ID:	29810
Generator ID:	MN0000293506
Generator AI ID:	4561
Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
Transporter 2 ID:	Not reported

PACTIV CORP (Continued) **1004726753**

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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	9/19/1997 0:00:00
Fac Copy Recd Date:	1997-09-19 00:00:00
Gen Ship Date:	1997-09-16 00:00:00
Trans 1 Recd Date:	1997-09-16 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-09-16 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
Generator Contact:	Peter Sharpe
Contact Address:	3010 42nd St S
Contact City:	Moorhead
Contact State:	MN
Contact Zip:	56560
Contact Email:	psharpe@pactiv.com
Contact Phone:	218-233-5000

NAIC:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
NAIC Code:	322299
NAIC Desc:	322299 - All Other Converted Paper Product Manufacturing

Detail:

Manifest ID:	29810
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	1
Container Code:	DMML
Waste Qty:	12
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	29811
Generator ID:	MN0000293506
Generator AI ID:	4561

PACTIV CORP (Continued) **1004726753**

Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	10/20/1997 0:00:00
Fac Copy Recd Date:	1997-10-30 00:00:00
Gen Ship Date:	1997-10-10 00:00:00
Trans 1 Recd Date:	1997-10-10 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	1997-10-10 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
Generator Contact:	Peter Sharpe
Contact Address:	3010 42nd St S
Contact City:	Moorhead
Contact State:	MN
Contact Zip:	56560
Contact Email:	psharpe@pactiv.com
Contact Phone:	218-233-5000

NAIC:

Generator AI ID:	4561
Generator ID:	MN0000293506
Generator AI Name:	Pactiv LLC
NAIC Code:	322299
NAIC Desc:	322299 - All Other Converted Paper Product Manufacturing

Detail:

Manifest ID:	29811
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	Not reported
Container Qty:	2
Container Code:	DMML

PACTIV CORP (Continued) **1004726753**

Waste Qty:	23
Waste Units Code:	AD
Waste Code List:	D039

Click this hyperlink while viewing on your computer to access
108 additional MN MANIFEST: record(s) in the EDR Site Report.

TIER 2:

Year:	2004
Facility Status:	Not reported
Facility Phone:	Not reported
Facility Email:	Not reported
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC:	Not reported
NAICS:	Not reported
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:	Not reported
Own Country:	Not reported
Site Plan:	Yes
Confidential Location:	No
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported
Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported

PACTIV CORP (Continued) **1004726753**

Emergency Contact 24hr Phone4:	Not reported
Year:	2005
Facility Status:	ACTIVE
Facility Phone:	2182335000
Facility Email:	GWASCHUK@PACTIV.COM
Facility Web:	Not reported
Facility MNCP:	Not reported
SIC Code:	2679
NAICS:	Not reported
Dunn Brad Num:	Not reported
Owner Name:	PACTIV CORP
Owner Phone:	8474822675
Owner Address:	1900 WEST FIELD COURT
Owner City:	LAKE FOREST
Owner State:	IL
Owner Zip:	60045
Mailing Name:	PACTIV CORP
Mailing Street:	3010 42ND ST S
Mailing PO BOX:	Not reported
Mailing City/State/Zip:	MOORHEAD, MN 56560
Mailing Attn:	JONATHAN NELSON
Contact Type:	Not reported
Time Created:	Not reported
Signed By:	Jonathan Nelson
Title:	Operations Manager
Signed Date:	2006-02-20
Attach Site Plan:	No
Attach Coord Abbr:	No
Attach Safeguard Info:	No
Attach ERP:	No
Hardcopy Attachments:	No
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:	2006-02-20
FIPS County:	27014
Latitude/Longitude:	46.8440017700195/96.7070007324219
User Name:	pactivmhd
TRIFID:	Not reported
CMFCL Record ID:	Not reported
SEPC Approved Date ERP:	Not reported
Client System ID:	141450061
Own Country:	US
Site Plan:	Not reported
Confidential Location:	Not reported
Status 302:	Not reported
Status 312:	Not reported
Emergency Contact Name1:	Not reported
Emergency Contact Name2:	Not reported
Emergency Contact Name3:	Not reported

PACTIV CORP (Continued) **1004726753**

Emergency Contact Name4:	Not reported
Emergency Contact 24hr Phone1:	Not reported
Emergency Contact 24hr Phone2:	Not reported
Emergency Contact 24hr Phone3:	Not reported
Emergency Contact 24hr Phone4:	Not reported
Facility Id:	141450061
CAS Number:	10043013
Chemical Id:	Not reported
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	C14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
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:	141450061
CAS Number:	74-98-6
Chemical Id:	Not reported

PACTIV CORP (Continued) **1004726753**

Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	A24
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
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:	141450061
CAS Number:	64742616
Chemical Id:	Not reported
Chemical Name:	FULLY REFINED PARAFFIN WAX
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	O14
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported

PACTIV CORP (Continued) **1004726753**

Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
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:	1796
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
Remark:	Not reported
Maximum Number of Occupants at One Time:	Not reported
Fire Department:	Not reported
Phone:	Not reported
Nature of Business:	Not reported

PACTIV CORP (Continued) **1004726753**

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:	1796
CAS Number:	Not reported
Chemical Id:	Not reported
Chemical Name:	Not reported
EHS Name:	Not reported
Is EHS:	Not reported
Is EHS More than TPQ:	Not reported
Is Containing EHS:	Not reported
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	Not reported
Avg Daily Amt Code:	Not reported
Storage Container Type:	Not reported
Storage Pressure Class:	Not reported
Storage Temperature Class:	Not reported
Storage Location:	Not reported
Is Storage Confidential Location:	Not reported
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

PACTIV CORP (Continued) **1004726753**

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:	1796
CAS Number:	74986
Chemical Id:	15348
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
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:	04
Avg Daily Amt Code:	04
Storage Container Type:	L
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
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

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15348
CAS No:	74986
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	No
Gas:	Yes
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979
Avg Daily Amt Exact:	22767
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15348
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
Storage ID:	76746
Storage Confidential:	No
Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID:	158693
Storage Confidential:	No
Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2

PACTIV CORP (Continued) **1004726753**

Storage Temp:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
Storage ID:	158692
Storage Confidential:	No

Facility Id:	1796
CAS Number:	74986
Chemical Id:	15348
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
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:	04
Avg Daily Amt Code:	04
Storage Container Type:	A
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15348

PACTIV CORP (Continued) **1004726753**

CAS No: 74986
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name: Not reported
Trade Secret: No
Pure: Yes
Mixture: No
Solid: No
Liquid: No
Gas: Yes
Extremely Haz Substance: No
Fire: Yes
Pressure: Yes
Reactivity: No
Delayed Health Affects: No
Immediate Health Affects: Yes
Max Daily Amt: 04
Avg Daily Amt: 04
Onsite Days: 365
Max Daily Amt Exact: 22979
Avg Daily Amt Exact: 22767
Modified Date: Not reported
VZone Primary: No
VZone Secondary: No
EHS More Than TPQ: No
MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 15348
Storage Container Type: A
Storage Pressure: 2
Storage Temp: 4
Storage Location: OUTSIDE, EAST SIDE OF PLANT
Storage ID: 76746
Storage Confidential: No

Storage Chem Desc ID: 15348
Storage Container Type: L
Storage Pressure: 2
Storage Temp: 4
Storage Location: OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID: 158693
Storage Confidential: No

Storage Chem Desc ID: 15348
Storage Container Type: L
Storage Pressure: 2
Storage Temp: 4
Storage Location: OUTSIDE, WEST SIDE OF PLANT
Storage ID: 158692
Storage Confidential: No

Facility Id: 1796
CAS Number: 74986
Chemical Id: 15348
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name: Not reported

PACTIV CORP (Continued) **1004726753**

Is EHS:	No
Is EHS More than TPQ:	No
Is Containing EHS:	No
How Chemical Is Stored:	Not reported
Max Daily Amt Code:	04
Avg Daily Amt Code:	04
Storage Container Type:	L
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15348
CAS No:	74986
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	No
Gas:	Yes
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	Yes

PACTIV CORP (Continued) **1004726753**

Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979
Avg Daily Amt Exact:	22767
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15348
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
Storage ID:	76746
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID:	158693
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
Storage ID:	158692
Storage Confidential:	No

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
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:	04
Avg Daily Amt Code:	04
Storage Container Type:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No

PACTIV CORP (Continued) **1004726753**

MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 15408
Storage Container Type: C
Storage Pressure: 1
Storage Temp: 4
Storage Location: INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID: 77046
Storage Confidential: No

Facility Id: 1796
CAS Number: 10043013
Chemical Id: 24462
Chemical Name: ALUMINUM SULFATE
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: 04
Avg Daily Amt Code: 04
Storage Container Type: C
Storage Pressure Class: 1
Storage Temperature Class: 4
Storage Location: INSIDE, NORTHWEST CORNER OF BUILDING
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

PACTIV CORP (Continued) **1004726753**

Is Specific target organ toxicity: Not reported

Chemicals:
Facility Id: 1796
Chemical Desc ID: 24462
CAS No: 10043013
Chemical Name: ALUMINUM SULFATE
EHS Name: Not reported
Trade Secret: No
Pure: No
Mixture: Yes
Solid: No
Liquid: Yes
Gas: No
Extremely Haz Substance: No
Fire: No
Pressure: No
Reactivity: No
Delayed Health Affects: No
Immediate Health Affects: Yes
Max Daily Amt: 04
Avg Daily Amt: 04
Onsite Days: 365
Max Daily Amt Exact: 71975
Avg Daily Amt Exact: 39863
Modified Date: Not reported
VZone Primary: No
VZone Secondary: No
EHS More Than TPQ: No
MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 24462
Storage Container Type: C
Storage Pressure: 1
Storage Temp: 4
Storage Location: INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID: 122316
Storage Confidential: No

Facility Id: 1796
CAS Number: 74986
Chemical Id: 15348
Chemical Name: PROPANE (LIQUIFIED PETROLEUM GAS)
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: L
Storage Pressure Class: 2
Storage Temperature Class: 4
Storage Location: OUTSIDE, SOUTH EAST SIDE OF PLANT

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15348
CAS No:	74986
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	No
Gas:	Yes
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979
Avg Daily Amt Exact:	22767
Modified Date:	Not reported
VZone Primary:	No

PACTIV CORP (Continued) **1004726753**

VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15348
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
Storage ID:	76746
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID:	158693
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
Storage ID:	158692
Storage Confidential:	No

Facility Id:	1796
CAS Number:	74986
Chemical Id:	15348
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
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:	OUTSIDE, EAST SIDE OF PLANT
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

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15348
CAS No:	74986
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	No
Gas:	Yes
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979
Avg Daily Amt Exact:	22767
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15348
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
Storage ID:	76746
Storage Confidential:	No

PACTIV CORP (Continued) **1004726753**

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID:	158693
Storage Confidential:	No

Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
Storage ID:	158692
Storage Confidential:	No

Facility Id:	1796
CAS Number:	74986
Chemical Id:	15348
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
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:	L
Storage Pressure Class:	2
Storage Temperature Class:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
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

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15348
CAS No:	74986
Chemical Name:	PROPANE (LIQUIFIED PETROLEUM GAS)
EHS Name:	Not reported
Trade Secret:	No
Pure:	Yes
Mixture:	No
Solid:	No
Liquid:	No
Gas:	Yes
Extremely Haz Substance:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	22979
Avg Daily Amt Exact:	22767
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15348
Storage Container Type:	A
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, EAST SIDE OF PLANT
Storage ID:	76746
Storage Confidential:	No
Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2
Storage Temp:	4
Storage Location:	OUTSIDE, SOUTH EAST SIDE OF PLANT
Storage ID:	158693
Storage Confidential:	No
Storage Chem Desc ID:	15348
Storage Container Type:	L
Storage Pressure:	2

PACTIV CORP (Continued) **1004726753**

Storage Temp:	4
Storage Location:	OUTSIDE, WEST SIDE OF PLANT
Storage ID:	158692
Storage Confidential:	No

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	WAX EMULSION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408

PACTIV CORP (Continued) **1004726753**

CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	24462
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
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

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	24462
CAS No:	10043013
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	71975
Avg Daily Amt Exact:	39863
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	24462

PACTIV CORP (Continued) **1004726753**

Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	122316
Storage Confidential:	No

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	24462
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
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

PACTIV CORP (Continued) **1004726753**

Chemicals:

Facility Id:	1796
Chemical Desc ID:	24462
CAS No:	10043013
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	71975
Avg Daily Amt Exact:	39863
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	24462
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	122316
Storage Confidential:	No

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	WAX EMULSION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Is Storage Confidential Location:	No
Remark:	Not reported

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No

PACTIV CORP (Continued) **1004726753**

MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 15408
Storage Container Type: C
Storage Pressure: 1
Storage Temp: 4
Storage Location: INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID: 77046
Storage Confidential: No

Facility Id: 1796
CAS Number: 10043013
Chemical Id: 24462
Chemical Name: ALUMINUM SULFATE SOLUTION
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: C
Storage Pressure Class: 1
Storage Temperature Class: 4
Storage Location: INSIDE, NORTHWEST CORNER OF BUILDING
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

PACTIV CORP (Continued) **1004726753**

Is Specific target organ toxicity: Not reported

Chemicals:
Facility Id: 1796
Chemical Desc ID: 24462
CAS No: 10043013
Chemical Name: ALUMINUM SULFATE
EHS Name: Not reported
Trade Secret: No
Pure: No
Mixture: Yes
Solid: No
Liquid: Yes
Gas: No
Extremely Haz Substance: No
Fire: No
Pressure: No
Reactivity: No
Delayed Health Affects: No
Immediate Health Affects: Yes
Max Daily Amt: 04
Avg Daily Amt: 04
Onsite Days: 365
Max Daily Amt Exact: 71975
Avg Daily Amt Exact: 39863
Modified Date: Not reported
VZone Primary: No
VZone Secondary: No
EHS More Than TPQ: No
MSDS Attachment ID: No

Storage:
Storage Chem Desc ID: 24462
Storage Container Type: C
Storage Pressure: 1
Storage Temp: 4
Storage Location: INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID: 122316
Storage Confidential: No

Facility Id: 1796
CAS Number: 64742514
Chemical Id: 15408
Chemical Name: WAX EMULSION
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: C
Storage Pressure Class: 1
Storage Temperature Class: 4
Storage Location: INSIDE, NORTHWEST CORNER OF BUILDING

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No

PACTIV CORP (Continued) **1004726753**

VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	WAX EMULSION
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:	C
Storage Pressure Class:	1
Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
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

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	24462
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	C
Storage Pressure Class:	1

PACTIV CORP (Continued) **1004726753**

Storage Temperature Class:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	24462
CAS No:	10043013
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	71975
Avg Daily Amt Exact:	39863

PACTIV CORP (Continued) **1004726753**

Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	24462
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	122316
Storage Confidential:	No

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	24462
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	C
Storage Pressure Class:	1
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

PACTIV CORP (Continued) **1004726753**

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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	24462
CAS No:	10043013
Chemical Name:	ALUMINUM SULFATE
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365
Max Daily Amt Exact:	71975
Avg Daily Amt Exact:	39863
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	24462
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	122316
Storage Confidential:	No

Facility Id:	1796
CAS Number:	64742514
Chemical Id:	15408
Chemical Name:	WAX EMULSION
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

PACTIV CORP (Continued) **1004726753**

Storage Container Type:	C
Storage Pressure Class:	1
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

Chemicals:

Facility Id:	1796
Chemical Desc ID:	15408
CAS No:	64742514
Chemical Name:	HYDROTREATED PARAFFIN WAX (PETROLEUM)
EHS Name:	Not reported
Trade Secret:	No
Pure:	No
Mixture:	Yes
Solid:	No
Liquid:	Yes
Gas:	No
Extremely Haz Substance:	No
Fire:	No
Pressure:	No
Reactivity:	No
Delayed Health Affects:	No
Immediate Health Affects:	Yes
Max Daily Amt:	04
Avg Daily Amt:	04
Onsite Days:	365

PACTIV CORP (Continued) **1004726753**

Max Daily Amt Exact:	50694
Avg Daily Amt Exact:	28076
Modified Date:	Not reported
VZone Primary:	No
VZone Secondary:	No
EHS More Than TPQ:	No
MSDS Attachment ID:	No

Storage:

Storage Chem Desc ID:	15408
Storage Container Type:	C
Storage Pressure:	1
Storage Temp:	4
Storage Location:	INSIDE, NORTHWEST CORNER OF BUILDING
Storage ID:	77046
Storage Confidential:	No

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	Not reported
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	8
Avg Daily Amt Code:	7
Storage Container Type:	Tank inside building
Storage Pressure Class:	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

PACTIV CORP (Continued) **1004726753**

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:	1796
CAS Number:	64742514
Chemical Id:	Not reported
Chemical Name:	WAX EMULSION
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:	8
Avg Daily Amt Code:	7
Storage Container Type:	Tank inside building
Storage Pressure Class:	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

PACTIV CORP (Continued) **1004726753**

Facility Id:	1796
CAS Number:	10043013
Chemical Id:	Not reported
Chemical Name:	ALUMINUM SULFATE SOLUTION
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:	8
Avg Daily Amt Code:	7
Storage Container Type:	Tank inside building
Storage Pressure Class:	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

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

Contact:

Contact ID:	3592
Contact Type:	T2EC
Contact Name:	GRANT WASC
Contact Title:	TECHNICAL

PACTIV CORP (Continued) **1004726753**

Sort Order: 1

Contact:
Contact ID: 3593
Contact Type: T2EC
Contact Name: JONATHAN N
Contact Title: OPERATIONS
Sort Order: 2

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

NPDES:
Envid: 1004726753
Facility Name: PACTIV LLC
Address: Not reported
Active: Active
Interest Type Description: Not reported
Activity ID: MNR053C83
Preferred ID: Not reported
Activity Sys ID: 4561
Activity Type: Not reported
Activity Type Code: Not reported
Effective Start Date: 04/05/2015
End Date: Not reported
Alternative Method: Not reported
Coverage Date: Not reported
Latitude Degree: 46.8436188
Longitude Degree: -96.7073604
Location Description: Not reported
New Imp Area: Not reported
Old Imp Area: Not reported
Online Submittal: Not reported
Other Project Type Description: Not reported
Owner Name: Pactiv LLC
Owner Organization Type: Not reported
Permit Sys ID: 134712
Project Name: Not reported
Project Size: Not reported
Termination Date: Not reported
Acres: 5
Activity Description: Manufacture of molded fiber containers - egg cartons and food service products (Waterbody <1 Mile? N.)
No Exposure: No
One Mile: Not reported
Permit Type: Industrial Stormwater Permit
Sector List: B
Foreign State: Not reported
Foreign Zone: Not reported
Township: Not reported
Range: Not reported
Range Direction: Not reported
Section: Not reported
Quarter: Not reported
Major Watershed: Not reported

PACTIV CORP (Continued) **1004726753**

Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

Envid:	1004726753
Facility Name:	BUILDING EXPANSION AND PARKING LOT
Address:	Not reported
Active:	N
Interest Type Description:	Not reported
Activity ID:	C00034538
Preferred ID:	Not reported
Activity Sys ID:	13887334538
Activity Type:	Coverage Termination
Activity Type Code:	56
Effective Start Date:	09/01/2012
End Date:	11/01/2012
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	46.8416
Longitude Degree:	-96.7076
Location Description:	Not reported
New Imp Area:	2
Old Imp Area:	0.75
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Pactiv
Owner Organization Type:	Private (Non-Government)
Permit Sys ID:	3073269

PACTIV CORP (Continued) **1004726753**

Project Name:	Building Expansion and Parking Lot
Project Size:	2.5
Termination Date:	06/20/2017
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

E18
NW
1/8-1/4
0.176 mi.
927 ft.

RDO EQUIPMENT CO - MOORHEAD
2900 MAIN AVE SE
MOORHEAD, MN 56560

Site 1 of 4 in cluster E

MANIFEST **S110224759**
WIMN **N/A**
NPDES

Relative:
Higher

Actual:
911 ft.

MANIFEST:

Manifest ID:	886094
Generator ID:	MNS000168641
Generator AI ID:	95509
Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2011-06-03 00:00:00
Gen Ship Date:	2011-05-31 00:00:00
Trans 1 Recd Date:	2011-05-31 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2011-05-31 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	95509
Generator ID:	MNS000168641
Generator AI Name:	RDO Equipment Co - Moorhead
Generator Contact:	Scott Williams
Contact Address:	PO Box 1631
Contact City:	Yuma
Contact State:	AZ
Contact Zip:	85366
Contact Email:	swilliams@rdoequipment.com
Contact Phone:	218-784-7139

Generator AI ID:	95509
Generator ID:	MNS000168641
Generator AI Name:	RDO Equipment Co - Moorhead
Generator Contact:	Scott Williams
Contact Address:	PO Box 1631
Contact City:	Yuma
Contact State:	AZ
Contact Zip:	85366
Contact Email:	swilliams@rdoequipment.com

RDO EQUIPMENT CO - MOORHEAD (Continued) **S110224759**

Contact Phone:	928-341-7127

NAIC:

Generator AI ID:	95509
Generator ID:	MNS000168641
Generator AI Name:	RDO Equipment Co - Moorhead
NAIC Code:	423820
NAIC Desc:	423820 - Farm and Garden Machinery and Equipment Merchant Wholesalers

Detail:

Manifest ID:	886094
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	4
Container Code:	DMML
Waste Qty:	59
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	882728
Generator ID:	MNS000168641
Generator AI ID:	95509
Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2011-11-30 00:00:00
Gen Ship Date:	2011-11-23 00:00:00
Trans 1 Recd Date:	2011-11-23 00:00:00
Trans 2 Recd Date:	11/23/2011 0:00:00
Tsd Recd Date:	2011-11-23 00:00:00
Comments:	Not reported

RDO EQUIPMENT CO - MOORHEAD (Continued) **S110224759**

Contact:

Generator AI ID:	95509
Generator ID:	MNS000168641
Generator AI Name:	RDO Equipment Co - Moorhead
Generator Contact:	Scott Williams
Contact Address:	PO Box 1631
Contact City:	Yuma
Contact State:	AZ
Contact Zip:	85366
Contact Email:	swilliams@rdoequipment.com
Contact Phone:	218-784-7139

Generator AI ID:	95509
Generator ID:	MNS000168641
Generator AI Name:	RDO Equipment Co - Moorhead
Generator Contact:	Scott Williams
Contact Address:	PO Box 1631
Contact City:	Yuma
Contact State:	AZ
Contact Zip:	85366
Contact Email:	swilliams@rdoequipment.com
Contact Phone:	928-341-7127

NAIC:

Generator AI ID:	95509
Generator ID:	MNS000168641
Generator AI Name:	RDO Equipment Co - Moorhead
NAIC Code:	423820
NAIC Desc:	423820 - Farm and Garden Machinery and Equipment Merchant Wholesalers

Detail:

Manifest ID:	882728
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported
UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	4
Container Code:	DMML
Waste Qty:	60
Waste Units Code:	AD
Waste Code List:	D039

Manifest ID:	889271
Generator ID:	MNS000168641
Generator AI ID:	95509
Transporter 1 ID:	NDD000716738
Transporter 1 AI ID:	37705
Transporter 1 AI Name:	Safety Kleen Corp
Transporter 1 Address:	1537 1/2 1st Ave S
Transporter 1 City:	Fargo
Transporter 1 State:	ND
Transporter 1 ZIP:	58103-1501
Transporter 2 ID:	Not reported

RDO EQUIPMENT CO - MOORHEAD (Continued) **S110224759**

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:	NDD000716738
TSD AI ID:	37705
TSD AI Name:	Safety Kleen Corp
TSD Address:	1537 1/2 1st Ave S
TSD City:	Fargo
TSD State:	ND
TSD Zip:	58103-1501
Gen Copy Recd Date:	Not reported
Fac Copy Recd Date:	2011-08-08 00:00:00
Gen Ship Date:	2011-08-02 00:00:00
Trans 1 Recd Date:	2011-08-02 00:00:00
Trans 2 Recd Date:	Not reported
Tsd Recd Date:	2011-08-02 00:00:00
Comments:	Not reported

Contact:

Generator AI ID:	95509
Generator ID:	MNS000168641
Generator AI Name:	RDO Equipment Co - Moorhead
Generator Contact:	Scott Williams
Contact Address:	PO Box 1631
Contact City:	Yuma
Contact State:	AZ
Contact Zip:	85366
Contact Email:	swilliams@rdoequipment.com
Contact Phone:	218-784-7139

Generator AI ID:	95509
Generator ID:	MNS000168641
Generator AI Name:	RDO Equipment Co - Moorhead
Generator Contact:	Scott Williams
Contact Address:	PO Box 1631
Contact City:	Yuma
Contact State:	AZ
Contact Zip:	85366
Contact Email:	swilliams@rdoequipment.com
Contact Phone:	928-341-7127

NAIC:

Generator AI ID:	95509
Generator ID:	MNS000168641
Generator AI Name:	RDO Equipment Co - Moorhead
NAIC Code:	423820
NAIC Desc:	423820 - Farm and Garden Machinery and Equipment Merchant Wholesalers

Detail:

Manifest ID:	889271
Manifest Row:	1
Haz Material Name:	WASTE COMBUSTIBLE LIQUID NOS (PETROLEUM NAPHTHA)
Haz Class Number:	Not reported

RDO EQUIPMENT CO - MOORHEAD (Continued) **S110224759**

UN NA Number:	NA1993
Packing Group Number:	III
Container Qty:	4
Container Code:	DMML
Waste Qty:	60
Waste Units Code:	AD
Waste Code List:	D039

WIMN:

Status:	Y
Latitude:	46.845930719999998
Longitude:	-96.728324169999993
Item ID:	95509-AISI0000095509
AI ID:	95509
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	95509
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; ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040504
USGS 12-digits Name:	City of Fargo-Red 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:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	12/27/2017
Timestamp of Creation:	04/25/2005
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/04/2018
User Name of Last Update:	ceidem
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Multiple Activities

RDO EQUIPMENT CO - MOORHEAD (Continued) **S110224759**

Activity List:	Construction Stormwater; Hazardous Waste, Very small quantity generator
MPCA ID:	Multiple IDs
MPCA List:	C00014807; MNS000168641
Program List:	Hazardous Waste; Stormwater
Classification:	Farm and Garden Machinery and Equipment Merchant Wholesalers ; General Automotive Repair
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=95509

WIMN:

Legislative District:	4A
Latitude:	46.87276700
Longitude:	-96.74851601
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=157118
Coordinate Collection Method:	Zip Code Centroid
Status:	Active

Legislative District:	4A
Latitude:	46.84494000
Longitude:	-96.71608002
Activity:	Construction Stormwater Permit
MPCA ID:	C00032850
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=61019316
Coordinate Collection Method:	Digitized - Permit Application Map
Status:	Active

Status:	Y
Latitude:	46.844940000000001
Longitude:	-96.716080000000005
Item ID:	135638-AISI0000135638
AI ID:	135638
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	135638
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
MDH Drinking Water Management Code:	Not reported
MDH Drinking Water Management Name:	Not reported

RDO EQUIPMENT CO - MOORHEAD (Continued) **S110224759**

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:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	12/27/2017
Timestamp of Creation:	09/26/2011
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/04/2018
User Name of Last Update:	ceidem
Status Date:	Not reported
The Delta Spatial ID:	61019331
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00032850
MPCA List:	C00032850
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=135638

WIMN:

Legislative District:	4A
Latitude:	46.87276700
Longitude:	-96.74851601
Activity:	Multiple Activities
MPCA ID:	Multiple Activities
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=157118
Coordinate Collection Method:	Zip Code Centroid
Status:	Active

Legislative District:	4A
Latitude:	46.84494000
Longitude:	-96.71608002
Activity:	Construction Stormwater Permit
MPCA ID:	C00032850
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=61019316
Coordinate Collection Method:	Digitized - Permit Application Map
Status:	Active

NPDES:

Envid:	S110224759
Facility Name:	RDO EQUIPMENT CO - MOORHEAD
Address:	Not reported
Active:	Y
Interest Type Description:	Not reported
Activity ID:	C00014807
Preferred ID:	Not reported

RDO EQUIPMENT CO - MOORHEAD (Continued) **S110224759**

Activity Sys ID:	9550914807
Activity Type:	Construction Stormwater Permit
Activity Type Code:	45
Effective Start Date:	04/28/2005
End Date:	05/01/2006
Alternative Method:	Not reported
Coverage Date:	04/25/2005
Latitude Degree:	46.84593072
Longitude Degree:	-96.72832417
Location Description:	Not reported
New Imp Area:	6.5
Old Imp Area:	0
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	RDO Equipment Co
Owner Organization Type:	Private (Non-Government)
Permit Sys ID:	35292
Project Name:	RDO Equipment Co - Moorhead
Project Size:	15
Termination Date:	Not reported
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported

RDO EQUIPMENT CO - MOORHEAD (Continued) **S110224759**

Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported
Envid:	S110224759
Facility Name:	RDO EQUIPMENT PARKING LOT IMPROVEMENTS
Address:	Not reported
Active:	Y
Interest Type Description:	Not reported
Activity ID:	C00032850
Preferred ID:	Not reported
Activity Sys ID:	13563832850
Activity Type:	Construction Stormwater Permit
Activity Type Code:	45
Effective Start Date:	09/27/2011
End Date:	11/01/2011
Alternative Method:	Not reported
Coverage Date:	09/25/2011
Latitude Degree:	46.84494
Longitude Degree:	-96.71608
Location Description:	Not reported
New Imp Area:	1.25
Old Imp Area:	0.5
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	RDO Equipment
Owner Organization Type:	Private (Non-Government)
Permit Sys ID:	107679
Project Name:	RDO Equipment Parking Lot Improvements
Project Size:	2.2
Termination Date:	Not reported
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported

RDO EQUIPMENT CO - MOORHEAD (Continued) **S110224759**

Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

E19
NW
1/8-1/4
0.176 mi.
927 ft.

RDO EQUIPMENT CO **AST A100393492**
2900 MAIN AVE E **N/A**
MOORHEAD, MN 56560

Site 2 of 4 in cluster E

Relative:
Higher

Actual:
911 ft.

AST:

AI ID:	146797
Tank Site ID:	TS0126126
Item ID:	146797-EQUI0000000001
SI Type:	Aboveground Storage Tank
Si Design:	1001
SI Description:	Not reported
Substance:	Lubricating Oils
Compartment Number:	1
Wall Type:	Single
Overfill Prevention System:	AST Sight glass/gauge
Install Date:	2006-02-01 00:00:00
Status Change Date:	2006-02-01 00:00:00
Material:	Carbon steel
Tank Status:	Closed
Tanks Contractor:	Not reported
Capacity Gallon:	1000
Longitude:	-96.728324169999993
Latitude:	46.845930719999998
Coord Collection Method:	Public Land Survey-Two Quarter
Owner Name:	Proffutt Limited Partnership
Owner Address:	700 7th St S
Owner City:	Fargo
Owner State:	ND
Owner Zip:	581032704

RDO EQUIPMENT CO (Continued) **A100393492**

Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=146797-TS0126126&programInterest=TS
AI ID:	146797
Tank Site ID:	TS0126126
Item ID:	146797-EQUI0000000002
SI Type:	Aboveground Storage Tank
Si Design:	1002
SI Description:	Not reported
Substance:	Lubricating Oils
Compartment Number:	1
Wall Type:	Single
Overfill Prevention System:	AST Sight glass/gauge
Install Date:	2006-02-01 00:00:00
Status Change Date:	2006-02-01 00:00:00
Material:	Carbon steel
Tank Status:	Closed
Tanks Contractor:	Not reported
Capacity Gallon:	1500
Longitude:	-96.728324169999993
Latitude:	46.845930719999998
Coord Collection Method:	Public Land Survey-Two Quarter
Owner Name:	Proffutt Limited Partnership
Owner Address:	700 7th St S
Owner City:	Fargo
Owner State:	ND
Owner Zip:	581032704
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=146797-TS0126126&programInterest=TS
AI ID:	146797
Tank Site ID:	TS0126126
Item ID:	146797-EQUI0000000003
SI Type:	Aboveground Storage Tank
Si Design:	1003
SI Description:	Not reported
Substance:	Diesel Fuel
Compartment Number:	1
Wall Type:	Single
Overfill Prevention System:	AST Sight glass/gauge
Install Date:	2005-12-01 00:00:00
Status Change Date:	2005-12-01 00:00:00
Material:	Carbon steel
Tank Status:	Active
Tanks Contractor:	Not reported
Capacity Gallon:	560
Longitude:	-96.728324169999993
Latitude:	46.845930719999998
Coord Collection Method:	Public Land Survey-Two Quarter
Owner Name:	Proffutt Limited Partnership
Owner Address:	700 7th St S
Owner City:	Fargo
Owner State:	ND
Owner Zip:	581032704
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=146797-TS0126126&programInterest=TS

RDO EQUIPMENT CO (Continued) **A100393492**

AI ID:	146797
Tank Site ID:	TS0126126
Item ID:	146797-EQUI0000000004
SI Type:	Aboveground Storage Tank
Si Design:	i04
SI Description:	Not reported
Substance:	Used Oil
Compartment Number:	1
Wall Type:	Double
Overfill Prevention System:	AST Sight glass/gauge
Install Date:	2006-02-01 00:00:00
Status Change Date:	2006-02-01 00:00:00
Material:	Carbon steel
Tank Status:	Active
Tanks Contractor:	Not reported
Capacity Gallon:	2000
Longitude:	-96.728324169999993
Latitude:	46.845930719999998
Coord Collection Method:	Public Land Survey-Two Quarter
Owner Name:	Proffutt Limited Partnership
Owner Address:	700 7th St S
Owner City:	Fargo
Owner State:	ND
Owner Zip:	581032704
Tanks URL:	https://cf.pca.state.mn.us/programs/tank_leak/siteDetail.cfm?id=146797-TS0126126&programInterest=TS

E20
NW
1/8-1/4
0.176 mi.
927 ft.

RDO EQUIPMENT CO **Financial Assurance S116689371**
2900 MAIN AVE E **WIMN N/A**
MOORHEAD, MN 56560

Site 3 of 4 in cluster E

Relative:
Higher

Actual:
911 ft.

MN Financial Assurance 1:

PROGRAM ID:	69215453
Township Name:	Not reported
Region:	1
Interest Type:	Tank site
ADDR ID:	69215449
Interest Telephone:	NO CORE PI PH.
Preferred ID:	126126
Interest Start Date:	07/10/2014
Interest End Date:	Not reported
Activity Flag:	Y
TMSP Added:	07/10/2014
TMSP Last Update:	07/10/2014 07:23:14
Staff ID Last Update:	JHENRY
Source:	CORE
Source ID:	69215450
Country Code:	USA
FOR State:	Not reported
FOR Zone:	Not reported
FIPS County Code:	027
Comments:	Not reported

Latitude Longitude:

Program Id:	69215453

RDO EQUIPMENT CO (Continued) **S116689371**

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:	07/11/2014 10:18:39
TMSP Last Update:	07/11/2014 10:18:39
Staff ID Last Update:	JHENRY
Coord Source Type:	Not reported
Org Name Source:	Not reported
Coord Coll Meth:	Not reported
Map Scale Code:	Not reported
Source:	TALES
Site ID:	69215450
Spatial ID:	69215454

Program Id:	69215453
Lat/Long ID:	207166
Latitude Degrees:	46
Latitude Minutes:	52
Latitude Seconds:	21.96
Longitude Degrees:	-96
Longitude Minutes:	44
Longitude Seconds:	54.65
Collection Date:	07/10/2014 17:36:09
Lat/Long Description:	Not reported
TMSP Added:	07/10/2014 17:52:53
TMSP Last Update:	07/10/2014 17:52:53
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:	69215450
Spatial ID:	69215454

Tab Site:

Program Id:	69215453
Facility Code:	19
Above or Under Code:	1
Indian Reservation:	Not reported
Ust Registration Date:	Not reported
Ast Registration Date:	06/23/2014 00:00:00
TMSP Added:	07/11/2014 10:21:15
TMSP Last Update:	07/11/2014 10:21:15
Staff ID Last Update:	JHENRY
Max Monthy Gallons:	Not reported
Vapor Recovery Installed:	Not reported
Vapor Notif Required:	Not reported

RDO EQUIPMENT CO (Continued) **S116689371**

WIMN:

Status:	Y
Latitude:	46.871116010000001
Longitude:	-96.749484969999997
Item ID:	146797-AISI0000146797
AI ID:	146797
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	146797
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:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040504
USGS 12-digits Name:	City of Fargo-Red River
MDH Drinking Water Management Code:	63
MDH Drinking Water Management Name:	Moorhead - Moorhead Aquifer
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:	Q2
Method Description:	Public Land Survey-Two Quarter
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	06/30/2016
Timestamp of Creation:	07/10/2014
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	06/30/2016
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	69215451
Activity:	Aboveground Tanks
Activity List:	Aboveground Tanks
MPCA ID:	TS0126126
MPCA List:	TS0126126
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=146797

WIMN:

Legislative District:	04A

RDO EQUIPMENT CO (Continued) **S116689371**

Latitude:	46.87276700
Longitude:	-96.74851601
Activity:	Tank Site
MPCA ID:	126126
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=69215450
Coordinate Collection Method:	Zip Code Centroid
Status:	Active

E21
NW
1/8-1/4
0.176 mi.
927 ft.

RDO EQUIPMENT CO - MOORHEAD **RCRA-CESQG** **1014472578**
2900 MAIN AVE SE **MNS000168641**
MOORHEAD, MN 56560

Site 4 of 4 in cluster E

Relative:
Higher

Actual:
911 ft.

RCRA-CESQG:

Date form received by agency:	08/13/2012
Facility name:	RDO EQUIPMENT CO - MOORHEAD
Facility address:	2900 MAIN AVE SE MOORHEAD, MN 56560
EPA ID:	MNS000168641
Contact:	KORY BARTELS
Contact address:	2900 MAIN AVE SE MOORHEAD, MN 56560
Contact country:	US
Contact telephone:	701-526-2266
Contact email:	Not reported
EPA Region:	05
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	KORY BARTELS
Owner/operator address:	2900 MAIN AVE SE MOORHEAD, MN 56560
Owner/operator country:	US
Owner/operator telephone:	701-526-2266
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:	05/09/2011

RDO EQUIPMENT CO - MOORHEAD (Continued) **1014472578**

Owner/Op end date: Not reported

Owner/operator name: KORY BARTELS
Owner/operator address: 2900 MAIN AVE SE
MOORHEAD, MN 56560
Owner/operator country: US
Owner/operator telephone: 701-526-2266
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: 05/09/2011
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: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Historical Generators:
Date form received by agency: 05/09/2011
Site name: RDO EQUIPMENT CO - MOORHEAD
Classification: Small Quantity Generator

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

Violation Status: No violations found

22
SSE
1/4-1/2
0.264 mi.
1395 ft.

H&S CONTRACTING
4110 34TH AVE SOUTH
MOORHEAD, MN 56560

WIMN **S120061341**
NPDES **N/A**

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	Y
Latitude:	46.838500000000003
Longitude:	-96.710700000000003
Item ID:	213669-AISI0000213669
AI ID:	213669
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	213669
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	G1
Method Description:	GPS - Survey Quality
Ref Code:	CEN
Ref Description:	Center of Feature Represented
Location Verified Flag:	N
Collection Date:	08/01/2016
Timestamp of Creation:	08/01/2016
User Name of Creator:	RSP
Timestamp of Last Update:	08/01/2016
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00044048
MPCA List:	C00044048
Program List:	Stormwater
Classification:	Not reported

H&S CONTRACTING (Continued) **S120061341**

Site URL: http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=213669

NPDES:

Envid:	S120061341
Facility Name:	H&S CONTRACTING
Address:	Not reported
Active:	Y
Interest Type Description:	Not reported
Activity ID:	C00044048
Preferred ID:	Not reported
Activity Sys ID:	21366944048
Activity Type:	Construction Stormwater Permit
Activity Type Code:	45
Effective Start Date:	08/05/2016
End Date:	06/01/2017
Alternative Method:	Not reported
Coverage Date:	08/08/2016
Latitude Degree:	46.8385
Longitude Degree:	-96.7107
Location Description:	Not reported
New Imp Area:	0
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	H&S Contracting, Inc
Owner Organization Type:	Not reported
Permit Sys ID:	2669115
Project Name:	H&S Contracting
Project Size:	11.3
Termination Date:	Not reported
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported

H&S CONTRACTING (Continued) **S120061341**

Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

23
SSE
1/4-1/2
0.270 mi.
1423 ft.

D & M WAREHOUSE
ADDRESS UNKNOWN
MOORHEAD, MN 56560

WIMN **S115777719**
N/A

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	Y
Latitude:	46.838819999999998
Longitude:	-96.708510000000004
Item ID:	145953-AISI0000145953
AI ID:	145953
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	145953
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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

D & M WAREHOUSE (Continued) **S115777719**

Range Direction:	Not reported
Section:	Not reported
Quarters:	Not reported
Collection Method Code:	G8
Method Description:	GPS - Other
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	11/12/2013
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:	67204670
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00037294
MPCA List:	C00037294
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=145953

WIMN:

Legislative District:	04A
Latitude:	46.83881999
Longitude:	-96.70851002
Activity:	Construction Stormwater Permit
MPCA ID:	C00037294
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=67204654
Coordinate Collection Method:	GPS - Other
Status:	Active

24
East
1/4-1/2
0.275 mi.
1452 ft.

UNISHIPPERS ADDITION **WIMN S112422882**
4225 30TH AVENUE SOUTH **NPDES N/A**
MOORHEAD, MN 56560

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	Y
Latitude:	46.843049999999998
Longitude:	-96.704920000000001
Item ID:	143011-AISI0000143011
AI ID:	143011
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	143011
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539

UNISHIPPERS ADDITION (Continued) **S112422882**

City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	11/01/2012
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:	64052386
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00034918
MPCA List:	C00034918
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=143011

WIMN:

Legislative District:	4A
Latitude:	46.84304999
Longitude:	-96.70492002
Activity:	Construction Stormwater Permit
MPCA ID:	C00034918
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=64052372
Coordinate Collection Method:	Digitized - Permit Application Map
Status:	Active

NPDES:

Envid:	S112422882
Facility Name:	UNISHIPPERS ADDITION
Address:	Not reported
Active:	Y
Interest Type Description:	Not reported
Activity ID:	C00034918

UNISHIPPERS ADDITION (Continued) **S112422882**

Preferred ID:	Not reported
Activity Sys ID:	14301134918
Activity Type:	Construction Stormwater Permit
Activity Type Code:	45
Effective Start Date:	10/31/2012
End Date:	06/01/2013
Alternative Method:	Not reported
Coverage Date:	11/02/2012
Latitude Degree:	46.84305
Longitude Degree:	-96.70492
Location Description:	Not reported
New Imp Area:	0.5
Old Imp Area:	0.5
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Unishippers
Owner Organization Type:	Local Government
Permit Sys ID:	115562
Project Name:	Unishippers Addition
Project Size:	0.5
Termination Date:	Not reported
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported

UNISHIPPERS ADDITION (Continued) **S112422882**

Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

F25 **HOLIDAY STATIONSTORE #415** **WIMN** **S121323480**
North **3475 28TH AVE S** **N/A**
1/4-1/2 **MOORHEAD, MN 56560**
0.301 mi.
1590 ft. **Site 1 of 3 in cluster F**

Relative: WIMN:
Higher

Actual:
911 ft.

Status:	Y
Latitude:	46.847739060000002
Longitude:	-96.712477419999999
Item ID:	140335-AISI0000140335
AI ID:	140335
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	140335
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:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	11/15/2017

HOLIDAY STATIONSTORE #415 (Continued) **S121323480**

Timestamp of Creation:	08/15/2011
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	11/15/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	60750347
Activity:	Underground Tanks
Activity List:	Underground Tanks
MPCA ID:	TS0125553
MPCA List:	TS0125553
Program List:	Tanks
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=140335

F26 **HOLIDAY STATIONSTORE #415 - MOORHEAD** **WIMN S111273189**
North **3475 28TH AVE S** **NPDES N/A**
1/4-1/2 **MOORHEAD, MN 56560**
0.301 mi.
1590 ft. **Site 2 of 3 in cluster F**

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	N
Latitude:	46.849699999999999
Longitude:	-96.721100000000007
Item ID:	131738-AISI0000131738
AI ID:	131738
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	131738
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	G8
Method Description:	GPS - Other
Ref Code:	GEN

HOLIDAY STATIONSTORE #415 - MOORHEAD (Continued) **S111273189**

Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	08/30/2011
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	04/11/2012
The Delta Spatial ID:	60874585
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00032570
MPCA List:	C00032570
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=131738

WIMN:

Legislative District:	4A
Latitude:	46.84969999
Longitude:	-96.72110001
Activity:	Construction Stormwater Permit
MPCA ID:	C00032570
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=60874568
Coordinate Collection Method:	GPS - Other
Status:	Inactive

NPDES:

Envid:	S111273189
Facility Name:	HOLIDAY STATIONSTORE #415 - MOORHEAD
Address:	Not reported
Active:	N
Interest Type Description:	Not reported
Activity ID:	C00032570
Preferred ID:	Not reported
Activity Sys ID:	13173832570
Activity Type:	Coverage Termination
Activity Type Code:	56
Effective Start Date:	08/29/2011
End Date:	12/01/2011
Alternative Method:	Not reported
Coverage Date:	Not reported
Latitude Degree:	46.8497
Longitude Degree:	-96.7211
Location Description:	Not reported
New Imp Area:	1.52
Old Imp Area:	0
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Not reported
Owner Organization Type:	Not reported
Permit Sys ID:	113918
Project Name:	Holiday Stationstore #415 - Moorhead
Project Size:	2
Termination Date:	04/11/2012

HOLIDAY STATIONSTORE #415 - MOORHEAD (Continued) **S111273189**

Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

27
SE
1/4-1/2
0.303 mi.
1602 ft.

RIGELS WAREHOUSE
3340 42 STREET SOUTH
MOORHEAD, MN 56560

ENF **S120938469**
WIMN **N/A**
NPDES

Relative:
Higher

Actual:
911 ft.

MN Enforcement Log :

Facility ID:	Not reported
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported

RIGELS WAREHOUSE (Continued) **S120938469**

Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	10/18/2017
Enforcement Type:	Notice of Violation
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	217123
Activity ID:	NON20170001
Public Flag:	Y
Latitude:	46.8389
Longitude:	-96.706874
Coord Collect Meth Desc:	Digitized - Permit Application Map
Mailing Address1:	3340 42 Street South
Mailing City Name:	Moorhead
Mailing State Code:	MN
Mailing Zip Code:	56560
Responsible Party:	Rigels Appliances (Moorhead, MN)
Zero Date:	08/23/2017
Case Closed:	2017-12-21 00:00:00
Case Lead:	Brittany Fyock
Attorney Assigned:	Not reported
Lead Program:	Const Stormwater
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	0
Calculated:	0
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	0

Facility ID:	Not reported
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	10/18/2017
Enforcement Type:	Notice of Violation
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	217123
Activity ID:	NON20170002
Public Flag:	Y
Latitude:	46.8389
Longitude:	-96.706874
Coord Collect Meth Desc:	Digitized - Permit Application Map
Mailing Address1:	3340 42 Street South
Mailing City Name:	Moorhead

RIGELS WAREHOUSE (Continued) **S120938469**

Mailing State Code:	MN
Mailing Zip Code:	56560
Responsible Party:	Dietrich Const. LLC (Fargo, ND)
Zero Date:	10/06/2017
Case Closed:	2017-12-21 00:00:00
Case Lead:	Brittany Fyock
Attorney Assigned:	Not reported
Lead Program:	Const Stormwater
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	0
Calculated:	0
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	0

WIMN:

Status:	Y
Latitude:	46.838900000000002
Longitude:	-96.706873999999999
Item ID:	217123-AISI0000217123
AI ID:	217123
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	217123
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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

RIGELS WAREHOUSE (Continued) **S120938469**

Quarters:	Not reported
Collection Method Code:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	CEN
Ref Description:	Center of Feature Represented
Location Verified Flag:	N
Collection Date:	10/19/2017
Timestamp of Creation:	06/15/2017
User Name of Creator:	RSP
Timestamp of Last Update:	10/30/2017
User Name of Last Update:	vsetter
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	Multiple IDs
MPCA List:	C00046743; CS-gen
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=217123

NPDES:

Envid:	S120938469
Facility Name:	RIGELS WAREHOUSE
Address:	Not reported
Active:	Y
Interest Type Description:	Not reported
Activity ID:	C00046743
Preferred ID:	Not reported
Activity Sys ID:	21712346743
Activity Type:	Construction Stormwater Permit
Activity Type Code:	45
Effective Start Date:	06/14/2017
End Date:	12/30/2017
Alternative Method:	Not reported
Coverage Date:	06/22/2017
Latitude Degree:	46.8389
Longitude Degree:	-96.706874
Location Description:	Not reported
New Imp Area:	3.83
Old Imp Area:	0
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Rigels Appliances
Owner Organization Type:	Private (Non-Government)
Permit Sys ID:	3013698
Project Name:	Rigels Warehouse
Project Size:	4
Termination Date:	Not reported
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported

RIGELS WAREHOUSE (Continued) **S120938469**

Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

28
ESE
1/4-1/2
0.315 mi.
1661 ft.

MJOLSNESS PROPERTIES
3305 SOUTH 43RD STREET
MOORHEAD, MN 56560

ENF **S120198906**
WIMN **N/A**
NPDES

Relative:
Higher

Actual:
911 ft.

MN Enforcement Log :

Facility ID:	Not reported
Violation:	Not reported
Determined Date:	Not reported
Determined By:	Not reported
Responsible Agency:	Not reported
RTC Date:	Not reported
Enforcement Sequence:	Not reported
Effective End Date:	09/21/2017
Enforcement Type:	Letter of Warning
Lead Agency:	Not reported
Sequence:	Not reported
AI ID:	216536

MJOLSNESS PROPERTIES (Continued) **S120198906**

Activity ID:	NON20170001
Public Flag:	Y
Latitude:	46.840269
Longitude:	-96.704857
Coord Collect Meth Desc:	Digitized - Permit Application Map
Mailing Address1:	3305 South 43rd Street
Mailing City Name:	Moorhead
Mailing State Code:	MN
Mailing Zip Code:	56560
Responsible Party:	Doug Mjolsness Const Inc. (Glyndon, MN)
Zero Date:	08/23/2017
Case Closed:	2017-09-21 00:00:00
Case Lead:	Brittany Fyock
Attorney Assigned:	Not reported
Lead Program:	Const Stormwater
Multimedia:	N
Multimedia Desc:	N
SEP Amount:	0
Calculated:	0
Citation:	Not reported
Civil:	Not reported
Forgivable:	Not reported
Incurred - Administrative:	Not reported
Incurred - Civil:	Not reported
Interest:	Not reported
Nonforgivable:	Not reported
Not Abated:	Not reported
SEP Abandonment:	Not reported
Grand Total:	0

WIMN:

Status:	Y
Latitude:	46.840268999999999
Longitude:	-96.704857000000004
Item ID:	216536-AISI0000216536
AI ID:	216536
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	216536
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
MDH Drinking Water Management Code:	Not reported

MJOLSNESS PROPERTIES (Continued) **S120198906**

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:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	CEN
Ref Description:	Center of Feature Represented
Location Verified Flag:	N
Collection Date:	05/08/2017
Timestamp of Creation:	05/08/2017
User Name of Creator:	RSP
Timestamp of Last Update:	05/08/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	Multiple IDs
MPCA List:	C00046131; CS-gen
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=216536

NPDES:

Envid:	S120198906
Facility Name:	MJOLSNESS PROPERTIES
Address:	Not reported
Active:	Y
Interest Type Description:	Not reported
Activity ID:	C00046131
Preferred ID:	Not reported
Activity Sys ID:	21653646131
Activity Type:	Construction Stormwater Permit
Activity Type Code:	45
Effective Start Date:	05/12/2017
End Date:	09/12/2017
Alternative Method:	Not reported
Coverage Date:	05/15/2017
Latitude Degree:	46.840269
Longitude Degree:	-96.704857
Location Description:	Not reported
New Imp Area:	0
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Doug Mjolsness Const Inc.
Owner Organization Type:	Private (Non-Government)
Permit Sys ID:	2884421
Project Name:	Mjolsness Properties
Project Size:	1.3
Termination Date:	Not reported
Acres:	Not reported

MJOLSNESS PROPERTIES (Continued) **S120198906**

Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

29
NNW
1/4-1/2
0.319 mi.
1686 ft.

HARDEE'S RESTAURANT **WIMN S120056540**
3402 28TH AVE. S. **NPDES N/A**
MOORHEAD, MN 56560

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	Y
Latitude:	46.850183999999999
Longitude:	-96.721548999999996
Item ID:	151359-AISI0000151359
AI ID:	151359

HARDEE'S RESTAURANT (Continued) **S120056540**

Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	151359
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	G8
Method Description:	GPS - Other
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	06/10/2015
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:	74373505
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00040784
MPCA List:	C00040784
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=151359

NPDES:

Envid:	S120056540
Facility Name:	HARDEE'S RESTAURANT
Address:	Not reported
Active:	Y
Interest Type Description:	Not reported
Activity ID:	C00040784
Preferred ID:	Not reported

HARDEE'S RESTAURANT (Continued) **S120056540**

Activity Sys ID:	15135940784
Activity Type:	Construction Stormwater Permit
Activity Type Code:	45
Effective Start Date:	06/29/2015
End Date:	09/16/2015
Alternative Method:	Not reported
Coverage Date:	06/16/2015
Latitude Degree:	46.850184
Longitude Degree:	-96.721549
Location Description:	Not reported
New Imp Area:	0.02
Old Imp Area:	Not reported
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Figelwicz Enteprises dba Hardee's Restaurant
Owner Organization Type:	Private (Non-Government)
Permit Sys ID:	142148
Project Name:	Hardee's Restaurant
Project Size:	1.13
Termination Date:	Not reported
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported
HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported

HARDEE'S RESTAURANT (Continued) **S120056540**

Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

F30 **SANFORD MOORHEAD CLINIC** **WIMN S120055543**
NNW **4000 28TH ST** **NPDES N/A**
1/4-1/2 **MOORHEAD, MN 56560**
0.320 mi.
1688 ft. **Site 3 of 3 in cluster F**

Relative: **Higher**

Actual: **911 ft.**

WIMN:

Status:	Y
Latitude:	46.850000000000001
Longitude:	-96.7179
Item ID:	139850-AISI0000139850
AI ID:	139850
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	139850
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; ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	DP
Method Description:	Digitized - Permit Application Map
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	03/09/2017
Timestamp of Creation:	10/15/2012

SANFORD MOORHEAD CLINIC (Continued) **S120055543**

User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	03/09/2017
User Name of Last Update:	geo_nc
Status Date:	Not reported
The Delta Spatial ID:	63999905
Activity:	Multiple Activities
Activity List:	Construction Stormwater; Hazardous Waste, Very small quantity generator
MPCA ID:	Multiple IDs
MPCA List:	C00034846; MNS000308360
Program List:	Hazardous Waste; Stormwater
Classification:	Outpatient Care Centers
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=139850

NPDES:

Envid:	S120055543
Facility Name:	SANFORD MOORHEAD CLINIC
Address:	Not reported
Active:	Y
Interest Type Description:	Not reported
Activity ID:	C00034846
Preferred ID:	Not reported
Activity Sys ID:	13985034846
Activity Type:	Construction Stormwater Permit
Activity Type Code:	45
Effective Start Date:	10/09/2012
End Date:	02/28/2014
Alternative Method:	Not reported
Coverage Date:	10/10/2012
Latitude Degree:	46.85
Longitude Degree:	-96.7179
Location Description:	Not reported
New Imp Area:	11.5
Old Imp Area:	0
Online Submittal:	Not reported
Other Project Type Description:	Not reported
Owner Name:	Sanford Health
Owner Organization Type:	Private (Non-Government)
Permit Sys ID:	116850
Project Name:	Sanford Moorhead Clinic
Project Size:	26
Termination Date:	Not reported
Acres:	Not reported
Activity Description:	Not reported
No Exposure:	Not reported
One Mile:	Not reported
Permit Type:	Not reported
Sector List:	Not reported
Foreign State:	Not reported
Foreign Zone:	Not reported
Township:	Not reported
Range:	Not reported
Range Direction:	Not reported
Section:	Not reported
Quarter:	Not reported
Major Watershed:	Not reported
Major Watershed Code:	Not reported

SANFORD MOORHEAD CLINIC (Continued) **S120055543**

HUC:	Not reported
Minor Watershed:	Not reported
Minor Watershed Code:	Not reported
Permit Action:	Not reported
Issuance Date:	Not reported
Expiration Date:	Not reported
Action Date:	Not reported
Effective Permit:	Not reported
FDF MGD:	Not reported
NPDES Flag:	Not reported
General Individual:	Not reported
Major Minor:	Not reported
Fac Class:	Not reported
Collection Class:	Not reported
Land Application Type:	Not reported
Principal Component:	Not reported
SIC 1:	Not reported
SIC 2:	Not reported
SIC 3:	Not reported
SIC 4:	Not reported
SIC 5:	Not reported
Data Manager:	Not reported
Permit Writer:	Not reported
Compliance Staff:	Not reported
Engineer:	Not reported
Hydro:	Not reported
X Coord:	Not reported
Y Coord:	Not reported
Coordinate Method:	Not reported
Prog Int ID:	Not reported
Doc Int ID:	Not reported

G31 **GLOBE UNIVERSITY - MOORHEAD CAMPUS** **WIMN** **S116688953**
South **2777 34TH ST S** **N/A**
1/4-1/2 **MOORHEAD, MN 56560**
0.328 mi.
1732 ft. **Site 1 of 2 in cluster G**

Relative: **Higher**

Actual: **911 ft.**

WIMN:

Status:	Y
Latitude:	46.841213000000003
Longitude:	-96.727479200000005
Item ID:	147616-AISI0000147616
AI ID:	147616
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	147616
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:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A

GLOBE UNIVERSITY - MOORHEAD CAMPUS (Continued) **S116688953**

Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040504
USGS 12-digits Name:	City of Fargo-Red 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:	05/16/2014
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:	68732568
Activity:	Hazardous Waste, Minimal quantity generator
Activity List:	Hazardous Waste, Minimal quantity generator
MPCA ID:	MNS000201624
MPCA List:	MNS000201624
Program List:	Hazardous Waste
Classification:	Colleges, Universities, and Professional Schools
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=147616

WIMN:

Legislative District:	04A
Latitude:	46.84121308
Longitude:	-96.72747923
Activity:	Hazardous Waste, Small to Minimal QG
MPCA ID:	MNS000201624
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=68732567
Coordinate Collection Method:	Address Matching House Number
Status:	Active

G32 **CLAY COUNTY RESOURCE RECOVERY CAMPUS** **SWF/LF S121287749**
South **1701 34TH ST N** **WIMN N/A**
1/4-1/2 **MOORHEAD, MN 56560**
0.338 mi.
1784 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
911 ft.

SWF/LF:

Region:	STATE
Facility ID:	Not reported
Site ID:	216616
Owner Name:	Clay County

CLAY COUNTY RESOURCE RECOVERY CAMPUS (Continued) **S121287749**

Program:	Solid Waste
Active Type:	Solid Waste
Secondary Addr:	Not reported
Active Sub Type:	Permitted Solid Waste Facility
Classic FIC:	Not reported
Active ID:	SW-674
Active Name:	Clay County Resource Recovery Campus
Active:	Y
Legislative District:	7
HUC 8:	9020104
Watershed:	Upper Red River of the North
Latitude:	46.892861
Longitude:	-96.72775
Method:	GPS - Other
Inst Cont:	N

WIMN:

Status:	Y
Latitude:	46.892861000000003
Longitude:	-96.72775
Item ID:	216616-AISI0000216616
AI ID:	216616
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	216616
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Solid Waste
Program List:	SW
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	G8
Method Description:	GPS - Other
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	05/10/2017

CLAY COUNTY RESOURCE RECOVERY CAMPUS (Continued) **S121287749**

Timestamp of Creation:	05/10/2017
User Name of Creator:	rparlin
Timestamp of Last Update:	08/24/2017
User Name of Last Update:	rparlin
Status Date:	Not reported
The Delta Spatial ID:	Not reported
Activity:	Solid Waste, Permitted Solid Waste Facility
Activity List:	Solid Waste, Permitted Solid Waste Facility
MPCA ID:	SW-674
MPCA List:	SW-674
Program List:	Solid Waste
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=216616

33
WSW
1/4-1/2
0.372 mi.
1965 ft.

11-A2-2 VILLAGE GREEN AREA PHASE 2
ADDRESS UNKNOWN
MOORHEAD, MN 56560

WIMN **S111093512**
N/A

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	N
Latitude:	46.8414
Longitude:	-96.7209
Item ID:	130980-AISI0000130980
AI ID:	130980
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	130980
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North
USGS 10-digits:	902010405
USGS 12-digits:	90201040504
USGS 12-digits Name:	City of Fargo-Red 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:	G8
Method Description:	GPS - Other
Ref Code:	GEN

11-A2-2 VILLAGE GREEN AREA PHASE 2 (Continued) **S111093512**

Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	05/09/2011
User Name of Creator:	DELTA_M_R1
Timestamp of Last Update:	04/26/2016
User Name of Last Update:	spatial_
Status Date:	12/06/2012
The Delta Spatial ID:	60012203
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00031845
MPCA List:	C00031845
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=130980

WIMN:

Legislative District:	4A
Latitude:	46.8414
Longitude:	-96.72090002
Activity:	Construction Stormwater Permit
MPCA ID:	C00031845
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=60012186
Coordinate Collection Method:	GPS - Other
Status:	Inactive

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34 **OPPORTUNITY SUBSTATION** **WIMN** **S117727027**
SE **ADDRESS UNKNOWN** **N/A**
1/4-1/2 **MOORHEAD, MN 56560**
0.430 mi.
2271 ft.

Relative:
Higher

Actual:
911 ft.

WIMN:

Status:	Y
Latitude:	46.838299999999997
Longitude:	-96.703900000000004
Item ID:	140782-AISI0000140782
AI ID:	140782
Document ID:	0
Subject Item Type Code:	CON
Subject Item Category Code:	AISI
Subject Item ID:	140782
Subject Item Category Description:	Agency Interest
Subject Item Type Description:	Conventional Site
Description:	Not reported
Subject Item Designation:	Not reported
MPCA Program:	Stormwater
Program List:	ST
City, Township or Unorganized code:	239539
City, Township or Unorganized Name:	Moorhead
Congressional District Code:	7
House District:	4A
Senate District:	4
USGS 8-digits:	09020104
USGS 8-digits Name:	Upper Red River of the North

OPPORTUNITY SUBSTATION (Continued) **S117727027**

USGS 10-digits:	902010405
USGS 12-digits:	90201040503
USGS 12-digits Name:	County Ditch No 41
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:	G8
Method Description:	GPS - Other
Ref Code:	GEN
Ref Description:	General Location
Location Verified Flag:	N
Collection Date:	09/27/2015
Timestamp of Creation:	10/03/2011
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:	61048672
Activity:	Construction Stormwater
Activity List:	Construction Stormwater
MPCA ID:	C00032898
MPCA List:	C00032898
Program List:	Stormwater
Classification:	Not reported
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=140782

WIMN:

Legislative District:	4A
Latitude:	46.83829999
Longitude:	-96.70390002
Activity:	Construction Stormwater Permit
MPCA ID:	C00032898
Major Watershed:	Upper Red River of the North
Site URL:	http://cf.pca.state.mn.us/wimn/siteInfo.cfm?siteid=61048655
Coordinate Collection Method:	GPS - Other
Status:	Active

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address
		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: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
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: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
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 know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 07/30/2018
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
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
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
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
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
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
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
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 02/16/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 78

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
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: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
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: 02/23/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 33

Source: Pollution Control Agency
Telephone: 651-296-6139
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
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: 02/23/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 33

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

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: 05/04/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/04/2018
Number of Days to Update: 27

Source: Minnesota Pollution Control Agency
Telephone: 651-296-7276
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

UNPERM LF: Unpermitted Facilities

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

Date of Government Version: 05/04/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/04/2018
Number of Days to Update: 27

Source: Pollution Control Agency
Telephone: 651-757-2665
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

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: 05/17/2018
Next Scheduled EDR Contact: 09/03/2018
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: 05/04/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/04/2018
Number of Days to Update: 27

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
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: 05/04/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/04/2018
Number of Days to Update: 27

Source: Minnesota Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
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: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 01/06/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
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
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

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

Date of Government Version: 05/04/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/01/2018
Number of Days to Update: 24

Source: Minnesota Pollution Control Agency
Telephone: 651-649-5451
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

AST: Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 05/04/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/01/2018
Number of Days to Update: 24

Source: Minnesota Pollution Control Agency
Telephone: 651-296-0930
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/14/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 09/30/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/12/2017
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 01/13/2018
Date Data Arrived at EDR: 01/23/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 134

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/06/2018
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: 03/07/2018
Date Data Arrived at EDR: 03/09/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 31

Source: Pollution Control Agency
Telephone: 512-296-6300
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

VIC: Voluntary Investigation and Cleanup Program

Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 02/23/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 33

Source: Minnesota Pollution Control Agency
Telephone: 651-296-7291
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 02/23/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 33

Source: Pollution Control Agency
Telephone: 651-296-7999
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
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: 03/19/2018
Date Data Arrived at EDR: 03/21/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
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: 01/31/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 02/27/2018
Number of Days to Update: 25

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/30/2018
Next Scheduled EDR Contact: 05/14/2018
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: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

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

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
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: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
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: 02/23/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 33

Source: Pollution Control Agency
Telephone: 651-282-5988
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

CDL: Clandestine Drug Labs

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

Date of Government Version: 03/30/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/01/2018
Number of Days to Update: 59

Source: Department of Health
Telephone: 651-215-5800
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

MN DEL PLP: Delisted Permanent List of Priorities

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

Date of Government Version: 02/23/2018
Date Data Arrived at EDR: 03/07/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 33

Source: Pollution Control Agency
Telephone: 651-296-6139
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
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: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
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
Date Data Arrived at EDR: 03/09/2016
Date Made Active in Reports: 04/06/2016
Number of Days to Update: 28

Source: Pollution Control Agency
Telephone: 602-282-5988
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/17/2018
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: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

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

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

SPILLS: Spills Database
Spills reported to the Pollution Control Agency.

Date of Government Version: 05/04/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/06/2018
Number of Days to Update: 29

Source: Minnesota Pollution Control Agency
Telephone: 651-649-5451
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
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: 05/03/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/01/2018
Number of Days to Update: 24

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch
Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/20/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
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
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
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: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
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: 06/22/2018
Next Scheduled EDR Contact: 10/01/2018
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: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
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: 04/09/2018
Next Scheduled EDR Contact: 08/06/2018
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: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/20/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 08/20/2018
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
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/22/2018
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

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

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
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
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/04/2018
Next Scheduled EDR Contact: 09/17/2018
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
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/27/2018
Next Scheduled EDR Contact: 08/06/2018
Data Release Frequency: Varies

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

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 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 Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
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: 03/31/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/01/2018
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: 06/28/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
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: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
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
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

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

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

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: 05/03/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
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: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
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: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
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: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 87

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 09/24/2018
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: 02/21/2018
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 02/25/2018
Date Data Arrived at EDR: 03/17/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

AGVIC: Agricultural Voluntary Investigation & Cleanup Listing

A listing of agricultural voluntary investigation & cleanup site locations.

Date of Government Version: 05/03/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/01/2018
Number of Days to Update: 24

Source: Department of Agriculture
Telephone: 651-201-6400
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Permit Contact List
A listing of permitted AIRS facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 11/02/2017
Date Made Active in Reports: 11/13/2017
Number of Days to Update: 11

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: 05/01/2018
Date Data Arrived at EDR: 05/04/2018
Date Made Active in Reports: 06/01/2018
Number of Days to Update: 28

Source: Department of Health
Telephone: 651-201-4620
Last EDR Contact: 04/27/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

BULK: Bulk Facilities Database
Facilities that use bulk pesticides and fertilizers

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/01/2018
Number of Days to Update: 24

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
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: 05/21/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaning Facilities
A listing of coin-operated laundries and drycleaning; drycleaning plants, except rug cleaning; and industrial launderers.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 01/17/2018
Date Made Active in Reports: 02/26/2018
Number of Days to Update: 40

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
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: 04/06/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 06/04/2018
Number of Days to Update: 55

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8332
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/08/2018
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.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/10/2016
Date Made Active in Reports: 11/02/2016
Number of Days to Update: 84

Source: Pollutiona Control Agency
Telephone: 651-297-8220
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/15/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 40

Source: Pollution Control Agency
Telephone: 651-296-6066
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
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: 09/13/2017
Date Data Arrived at EDR: 09/15/2017
Date Made Active in Reports: 10/24/2017
Number of Days to Update: 39

Source: Pollution Control Agency
Telephone: 651-296-7258
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

MN HWS PERMIT: Active TSD Facilities
Active TSD Facilities.

Date of Government Version: 03/10/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 26

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8470
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

LEAD: Lead Inspection Listing
Lead inspections

Date of Government Version: 12/27/2017
Date Data Arrived at EDR: 01/04/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 127

Source: Department of Health
Telephone: 651-201-4137
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 08/13/2018
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: 06/15/2018
Next Scheduled EDR Contact: 09/24/2018
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: 05/07/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/01/2018
Number of Days to Update: 24

Source: Department of Agriculture
Telephone: 651-201-6000
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

LS: List of Sites

The List of Sites includes: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), Permanent List of Priorities (PLP), sites delisted from the Permanent List of Priorities (DPLP), Hazardous Waste Permit Unit Project Facilities (HW PERM), List of Permitted Solid Waste Facilities (SW PERM), 1980 Metropolitan Area Waste Disposal Site Inventory (METRO), 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP).

Date of Government Version: 04/22/2009
Date Data Arrived at EDR: 07/14/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 10

Source: Minnesota Pollution Control Agency
Telephone: 651-297-2731
Source: Pollution Control Agency, GIS Section
Telephone: 651-297-2731
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

TIER 2: Tier 2 Facility Listing

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/06/2018
Number of Days to Update: 30

Source: Department of Public Safety
Telephone: 651-296-2233
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
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: 03/12/2018
Date Data Arrived at EDR: 03/15/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 25

Source: Pollution Control Agency
Telephone: 651-757-2040
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/03/2018
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: 04/05/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/06/2018
Number of Days to Update: 56

Source: Pollution Control Agency
Telephone: 651-757-2593
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

NPDES: Wastewater Permits Listing

A listing of facilities that have a wastewater permit.

Date of Government Version: 03/10/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 04/11/2018
Number of Days to Update: 28

Source: Minnesota Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
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.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Minnesota Pollution Control Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Minnesota Pollution Control Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Minnesota Pollution Control Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
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: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

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: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
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: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
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

4111 30TH AVENUE SOUTH
4111 30TH AVENUE SOUTH
MOORHEAD, MN 56560

TARGET PROPERTY COORDINATES

Latitude (North):	46.842896 - 46° 50' 34.43"
Longitude (West):	96.711947 - 96° 42' 43.01"
Universal Tranverse Mercator:	Zone 14
UTM X (Meters):	674462.2
UTM Y (Meters):	5190029.5
Elevation:	911 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5959610 SABIN, 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 principal investigative components:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

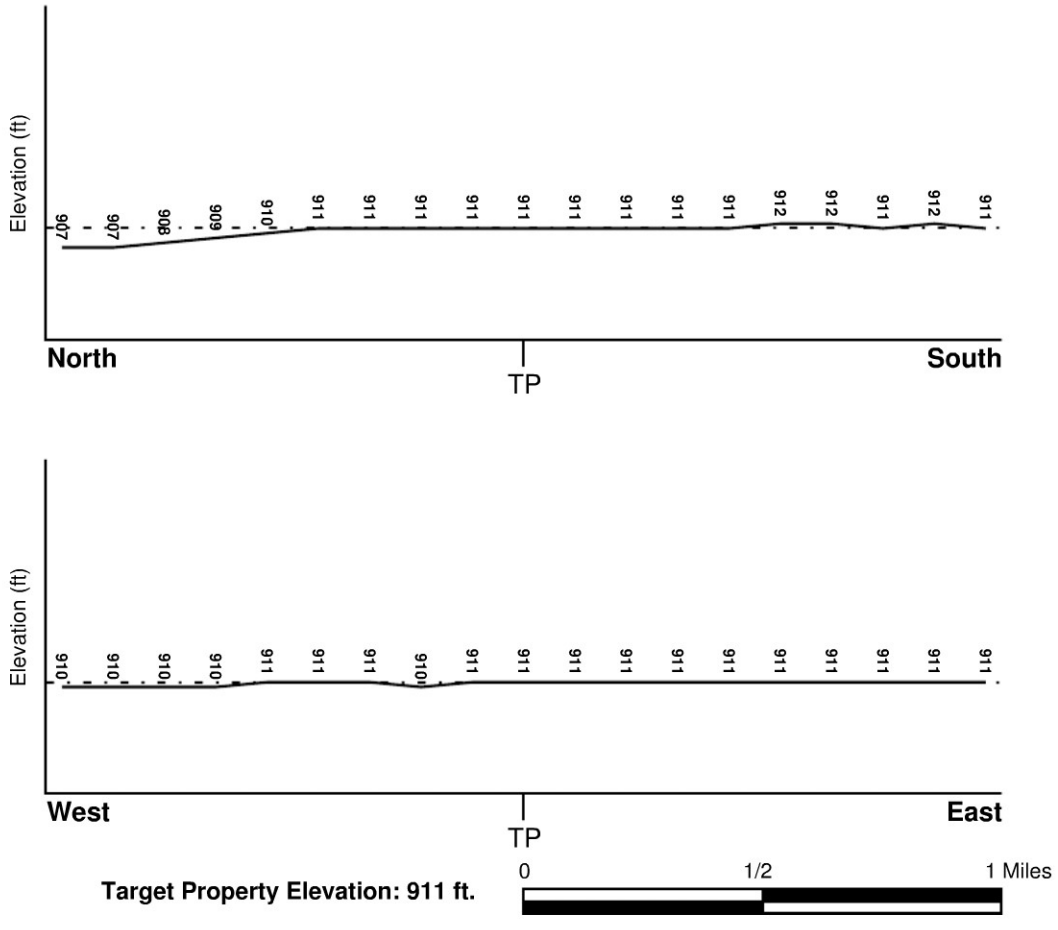
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
27027C0480E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SABIN	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

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

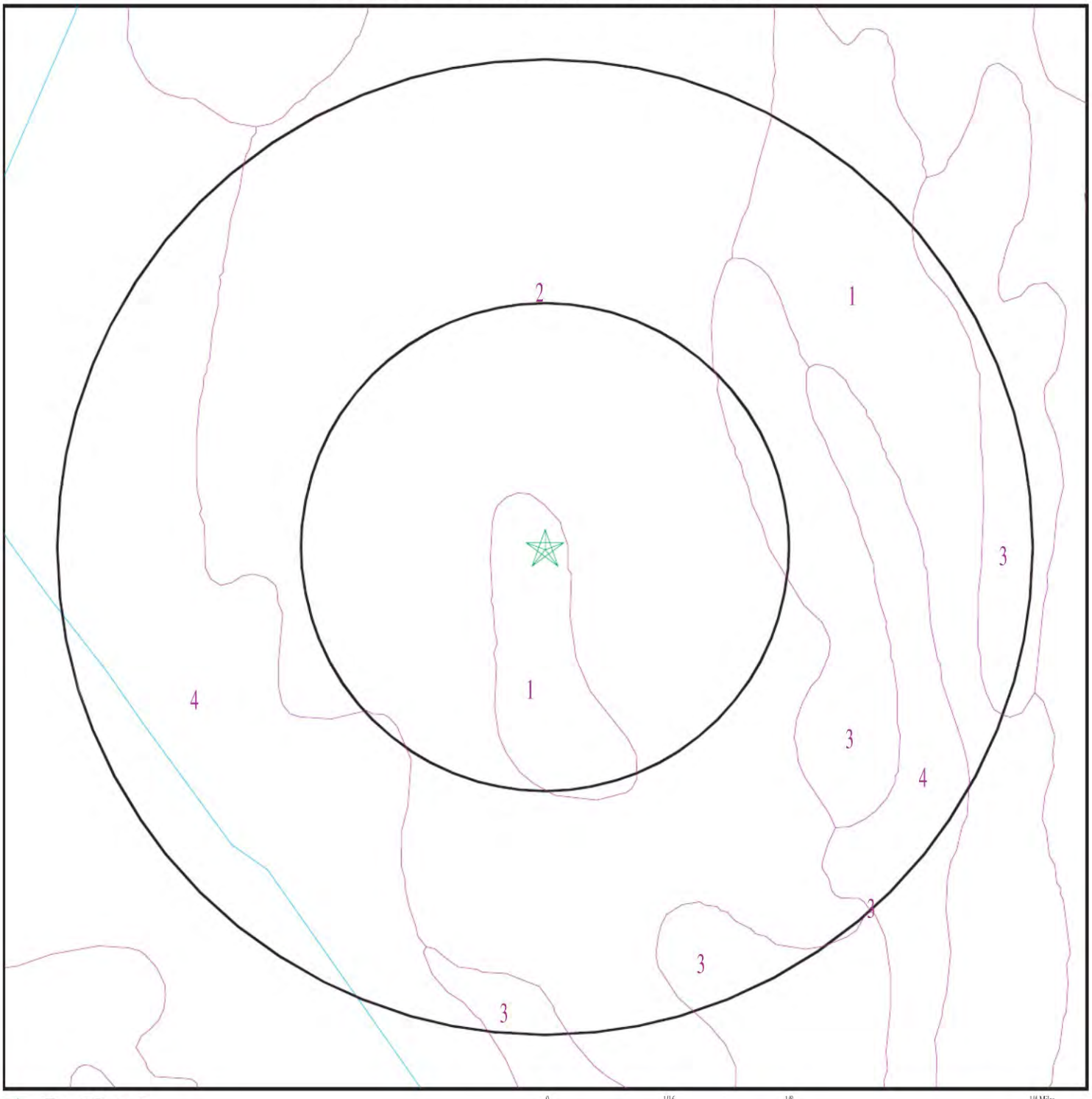
Era:	Precambrian
System:	Precambrian
Series:	W granitic rocks
Code:	Wv *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

SSURGO SOIL MAP - 5367936.2s



★ Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

SITE NAME:	4111 30th Avenue South	CLIENT:	Property Solutions, Inc.
ADDRESS:	4111 30th Avenue South Moorhead MN 56560	CONTACT:	Brian Gallagher
LAT/LONG:	46.842896 / 96.711947	INQUIRY #:	5367936.2s
		DATE:	July 20, 2018 10:17 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Bearden

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	11 inches	31 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	31 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Hegne

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 30 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	9 inches	26 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
3	26 inches	33 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
4	33 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Bearden

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	9 inches	24 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	24 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Colvin

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	11 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 8.4 Min: 7.4
3	22 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000596337	1/4 - 1/2 Mile SSE
B7	USGS40000566892	1/2 - 1 Mile NW
C8	USGS40000566766	1/2 - 1 Mile South
10	USGS40000596402	1/2 - 1 Mile NW
D13	USGS40000566765	1/2 - 1 Mile SSE
17	USGS40000596376	1/2 - 1 Mile ENE
G22	USGS40000566879	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

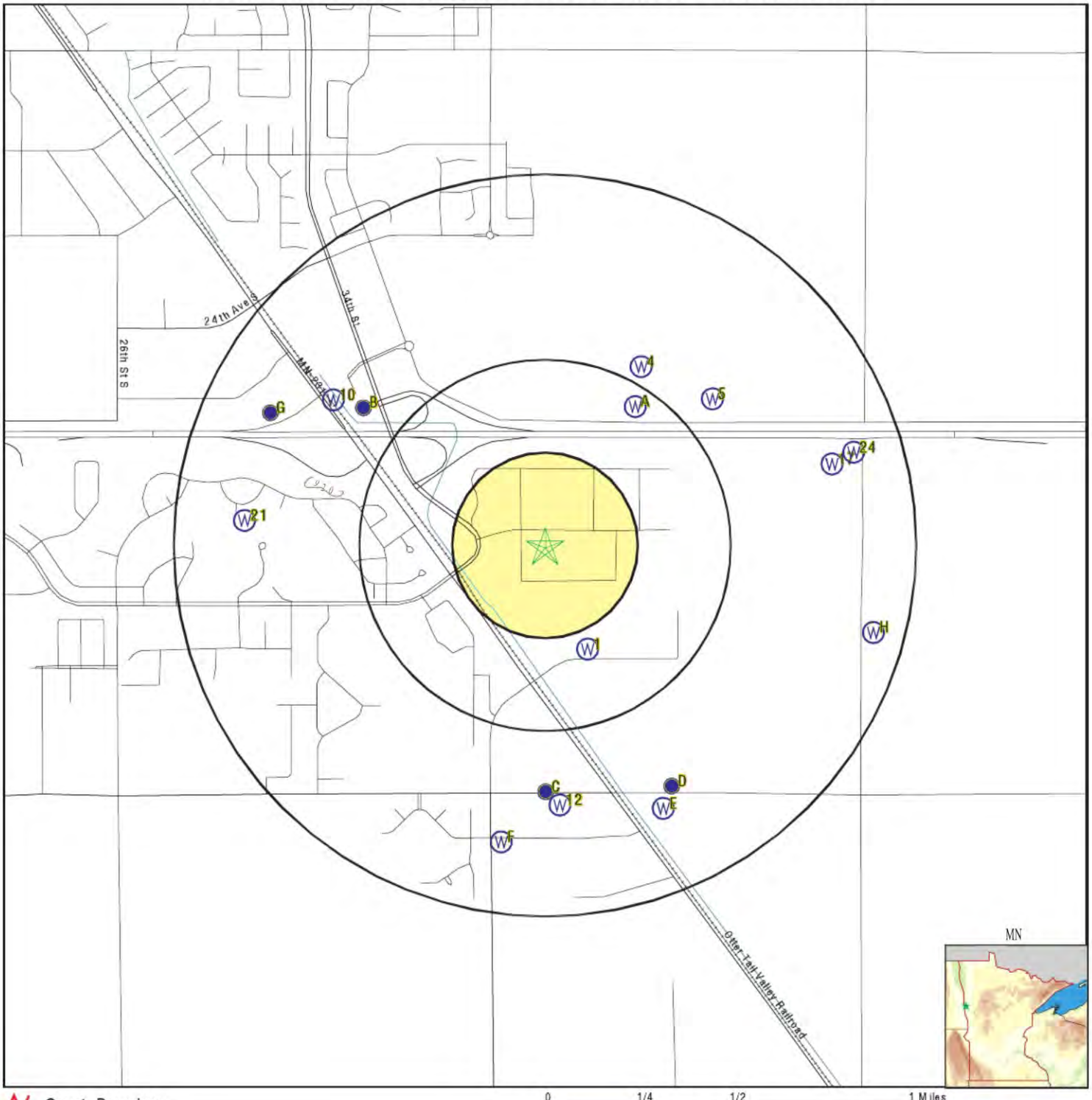
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	MN5000000065773	1/4 - 1/2 Mile NE
A3	MN5000000137715	1/4 - 1/2 Mile NNE
4	MN5000000151667	1/2 - 1 Mile NNE
5	MN5000000119950	1/2 - 1 Mile NE
B6	MN5000000041655	1/2 - 1 Mile NW
C9	MN5000000015310	1/2 - 1 Mile South
C11	MN5000000045755	1/2 - 1 Mile South
12	MN5000000151562	1/2 - 1 Mile South
D14	MN5000000093005	1/2 - 1 Mile SSE
E15	MN5000000216556	1/2 - 1 Mile SSE
E16	MN5000000216557	1/2 - 1 Mile SSE
F18	MN5000000137714	1/2 - 1 Mile South
F19	MN5000000145199	1/2 - 1 Mile South
F20	MN5000000182868	1/2 - 1 Mile South
21	MN5000000024858	1/2 - 1 Mile West
G23	MN5000000063494	1/2 - 1 Mile WNW
24	MN5000000059532	1/2 - 1 Mile ENE
H25	MN5000000163564	1/2 - 1 Mile ESE
H26	MN5000000216553	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 5367936.2s



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

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

SITE NAME: 4111 30th Avenue South	CLIENT: Property Solutions, Inc.
ADDRESS: 4111 30th Avenue South Moorhead MN 56560	CONTACT: Brian Gallagher INQUIRY #: 5367936.2s
LAT/LONG: 46.842896 / 96.711947	DATE: July 20, 2018 10:16 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000596337**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	USGS-465020096423301		
Monloc name:	138N48W23CCC		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8388517
Longitude:	-96.7095236	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	910.00
Vert measure units:	feet	Vertacc measure val:	52
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
NE
1/4 - 1/2 Mile
Higher | **MN WELLS** | **MN5000000065773**

Relateid:	0000222088	County c:	Clay
Unique no:	00222088	Wellname:	FARGO-MOORHEAD KOA TW2
Township:	139	Range:	48
Range dir:	W	Section:	14
Subsection:	CDDCCA	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	312		
Depth comp:	312		
Date drll:	19670600		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920325		
Strat upd:	20131219		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth2bdrk:	295		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20140131		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217423		
Utmn:	5194941		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	619056		
Geocupd da:	20100709		
Rcvd date:	0		
Well label:	222088	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000065773		

Address Information:

Relateid:	0000222088	Name:	FARGO-MOORHEAD KAMPGROUN
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19920325		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222088	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		

Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	PULKRABEK, C.		
Entry date:	Not Reported		
Updt date:	20020309		
Id Information:			
Relateid:	0000222088	Identifier:	5140045
Id type:	MDH	Id prog:	PWS

A3
NNE
1/4 - 1/2 Mile
Higher

MN WELLS **MN5000000137715**

Relateid:	0000222089	County c:	Clay
Unique no:	00222089	Wellname:	FARGO MOORHEAD KOA TW1
Township:	139	Range:	48
Range dir:	W	Section:	14
Subsection:	CDCADD	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	357		
Depth comp:	357		
Date drll:	19670600		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920325		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	292		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20140131		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217383		
Utmn:	5195022		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	619056		
Geocupd da:	20100709		
Rcvd date:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well label:	222089	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000137715		

Address Information:

Relateid:	0000222089	Name:	FARGO MOORHEAD KAMPGROUN
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19920325		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222089	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	PULKRABEK, C.		
Entry date:	Not Reported		
Updt date:	20020309		

Id Information:

Relateid:	0000222089	Identifier:	5140045
Id type:	MDH	Id prog:	PWS

Remarks Information:

Relateid:	0000222089
Seq no:	1
Remarks:	TW-1.

Remarks Information:

Relateid:	0000222089
Seq no:	2
Remarks:	139-48-14 CDDCBC

Remarks Information:

Relateid:	0000222089
Seq no:	3
Remarks:	ELEV 909-+5

4
NNE
1/2 - 1 Mile
Lower

MN WELLS **MN5000000151667**

Relateid:	0000222087	County c:	Clay
Unique no:	00222087	Wellname:	FARGO-MOORHEAD KOA TW3
Township:	139	Range:	48
Range dir:	W	Section:	14
Subsection:	CDACAC	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	147		
Depth comp:	147		
Date drll:	19670600		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19921103		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20140131		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217437		
Utmn:	5195153		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222087	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000151667		

Address Information:

Relateid:	0000222087	Name:	FARGO-MOORHEAD KAMPGROUN
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19921103		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222087	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	PULKBRABEK, C		
Entry date:	Not Reported		
Updt date:	20020309		

Id Information:

Relateid:	0000222087	Identifier:	5140045
Id type:	MDH	Id prog:	PWS

5
NE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000119950**

Relateid:	0000222086	County c:	Clay
Unique no:	00222086	Wellname:	FARGO-MOORHEAD KAMP GROU
Township:	139	Range:	48
Range dir:	W	Section:	14
Subsection:	DCCDBA	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	262		

Depth comp:	262		
Date drll:	19670628		
Case diam:	4		
Case depth:	246		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920325		
Strat upd:	20131219		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217739		
Utmn:	5194999		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222086	Swlcount:	1
Swldate:	19670628		
Swlavgmeas:	60		
Swlavgelev:	849		
Site id:	MN5000000119950		

Address Information:

Relateid:	0000222086	Name:	FARGO-MOORHEAD KAMP GROU
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19920325		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222086	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Screen mfg:	Not Reported	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4BM21
Pump hp:	3		
Pump volts:	220		
Dropp len:	231		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	PULKRABEK, C.		
Entry date:	19880407		
Updt date:	20020309		

Historic Water Level Information:

Relateid:	0000222086	Meas type:	Well installation
Meas date:	19670628		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	60		
Meas elev:	849		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	20000714		

Id Information:

Relateid:	0000222086	Identifier:	5140045
Id type:	MDH	Id prog:	PWS

Pump Test Information:

Relateid:	0000222086
Pumptestid:	1
Test date:	19670600
Start meas:	60
Flow rate:	35
Duration:	Not Reported
Pump meas:	175

Remarks Information:

Relateid:	0000222086
Seq no:	1
Remarks:	WATER HAS YELLOW TINT AND FOAMS VERY EASILY.

B6
NW
1/2 - 1 Mile
Higher

MN WELLS **MN5000000041655**

Relateid:	0000102606	County c:	Clay
Unique no:	00102606	Wellname:	OFFUT, RON
Township:	139	Range:	48
Range dir:	W	Section:	15
Subsection:	DCDCBD	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Other, note in remarks
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	190		

Depth comp:	156		
Date drll:	19760615		
Case diam:	4		
Case depth:	150		
Grout:	Well known to be not grouted	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19921103		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QNUU	Ohbotunit:	QNUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216229		
Utmn:	5195030		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	102606	Swlcount:	1
Swldate:	19760615		
Swlavgmeas:	41		
Swlavgelev:	870		
Site id:	MN5000000041655		

Address Information:

Relateid:	0000102606	Name:	OFFUT, RON
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19921103		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000102606	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	0		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4AM11
Pump hp:	.5		
Pump volts:	230		
Dropp len:	131		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	WEIDERHOLT, D		
Entry date:	19880407		
Updt date:	20000714		

Historic Water Level Information:

Relateid:	0000102606	Meas type:	Well installation
Meas date:	19760615		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	41		
Meas elev:	870		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	20000714		

Pump Test Information:

Relateid:	0000102606
Pumptestid:	1
Test date:	19760600
Start meas:	41
Flow rate:	8.5
Duration:	6
Pump meas:	119

B7
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000566892**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	MN040-465054096431901		
Monloc name:	139N48W15DCDCBD01		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8482961
Longitude:	-96.7223017	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	911
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Glacial Buried Sand and/or Gravel		
Aquifer type:	Confined single aquifer		
Construction date:	19760615	Welldepth:	190
Welldepth units:	ft	Wellholedepth:	190
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

C8
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000566766**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	MN040-465001096424201		
Monloc name:	139N48W23CCDCCB01		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8335739
Longitude:	-96.7120236	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	911
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Glacial Buried Sand and/or Gravel		
Aquifer type:	Confined single aquifer		
Construction date:	19760601	Welldepth:	328
Welldepth units:	ft	Wellholedepth:	328
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

C9
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000015310**

Relateid:	0000102604	County c:	Clay
Unique no:	00102604	Wellname:	AMERICAN ESTATES 2
Township:	139	Range:	48
Range dir:	W	Section:	23
Subsection:	CCDCCB	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	328		

Depth comp:	326		
Date drll:	19760601		
Case diam:	4		
Case depth:	310		
Grout:	Well known to be not grouted	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920917		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	326		
First bdrk:	PCCR	Last strat:	Precambrian Crystalline Roc
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216928		
Utmn:	5193351		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	102604	Swlcount:	1
Swldate:	19760601		
Swlavgmeas:	145		
Swlavgelev:	766		
Site id:	MN5000000015310		

Address Information:

Relateid:	0000102604	Name:	AMERICAN ESTATES 2
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19920917		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000102604	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	Not Reported		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	910.00
Vert measure units:	feet	Vertacc measure val:	52
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	145
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C11
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000045755**

Relateid:	0000222077	County c:	Clay
Unique no:	00222077	Wellname:	KREPS, BILL TW#1
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBABAC	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	341		
Depth comp:	341		
Date drll:	19720822		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920219		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	324		
First bdrk:	UREG	Last strat:	Precambrian Crystalline Roc
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20091007		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216951		
Utmn:	5193279		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		

Well label:	222077	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000045755		

Address Information:

Relateid:	0000222077	Name:	KREPS, BILL TW#1
Addtype c:	Both	House no:	RR 2
Street:	AMERICANA #2	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19920219		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222077	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	SCHROEDER, F.		
Entry date:	Not Reported		
Updt date:	20000713		

Remarks Information:

Relateid:	0000222077
Seq no:	1
Remarks:	AMERICANA ESTATES II LOT #10 ON HWY. 52 SOUTH.

12
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000151562**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000222076	County c:	Clay
Unique no:	00222076	Wellname:	KREPS, BILL
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBABCA	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	290		
Depth comp:	288		
Date drll:	19720824		
Case diam:	4		
Case depth:	277		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920917		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216995		
Utmn:	5193270		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222076	Swlcount:	1
Swldate:	19720823		
Swlavgmeas:	80		
Swlavgelev:	831		
Site id:	MN5000000151562		

Address Information:

Relateid:	0000222076	Name:	KREPS, BILL
Addtype c:	Both	House no:	RR 2
Street:	AMERICANA #2	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19920917		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222076	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Y	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	stainless steel
Ptlss mfg:	MONITOR	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4BM-21
Pump hp:	3		
Pump volts:	220		
Dropp len:	210		
Dropp mat:	G		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SCHROEDER, F.		
Entry date:	19880407		
Updt date:	20000713		

Historic Water Level Information:

Relateid:	0000222076	Meas type:	Well installation
Meas date:	19720823		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	0		
Measuremt:	80		
Meas elev:	831		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	0		

Pump Test Information:

Relateid:	0000222076
Pumptestid:	1
Test date:	19720800
Start meas:	80
Flow rate:	45
Duration:	Not Reported
Pump meas:	116

Remarks Information:

Relateid:	0000222076
Seq no:	1
Remarks:	AMERICANA ESTATES II LOT #1 ON WEST END.

D13
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000566765**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	MN040-465001096421601		
Monloc name:	139N48W23CDDDDA01		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8335739
Longitude:	-96.7048011	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	912
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Glacial Buried Sand and/or Gravel		
Aquifer type:	Confined single aquifer		
Construction date:	19751118	Welldepth:	186
Welldepth units:	ft	Wellholedepth:	186
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

D14
SSE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000093005**

Relateid:	0000117078	County c:	Clay
Unique no:	00117078	Wellname:	MARTIN, MAURICE
Township:	139	Range:	48
Range dir:	W	Section:	23
Subsection:	CDDDDA	Mgsquad c:	Sabin
Elevation:	912		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Plat Book
Loc src:	Minnesota Geological Survey	Data src:	Paasch Well Co.
Depth drll:	186		
Depth comp:	186		
Date drll:	19751118		
Case diam:	4		
Case depth:	180		
Grout:	Well known to be not grouted	Pollut dst:	150
Pollut dir:	NW	Pollut typ:	SDF
Strat date:	19930224		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	Bruce Bloomgren
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217488		
Utmn:	5193323		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	117078	Swlcount:	1
Swldate:	19751118		
Swlavgmeas:	9		
Swlavgelev:	903		
Site id:	MN5000000093005		

Address Information:

Relateid:	0000117078	Name:	MARTIN, MAURICE
Addtype c:	Both	House no:	RR 2
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19910613		
Updt date:	19930224		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000117078	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	Not Reported		
Drive shoe:	Y	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Y
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Y
Pump date:	19751120		
Pump mfg:	GOULDS	Pump model:	25EL10412
Pump hp:	1		
Pump volts:	230		
Dropp len:	54		
Dropp mat:	G		
Pump cpcty:	30		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	PAASCH, A.		
Entry date:	19910613		
Updt date:	20000713		

Historic Water Level Information:

Relateid:	0000117078	Meas type:	Well installation
Meas date:	19751118		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	9		
Meas elev:	903		
Data src:	Paasch Well Co.	Program:	CWI
Entry date:	19910613		
Updt date:	20000713		

Pump Test Information:

Relateid:	0000117078
Pumptestid:	1
Test date:	19751118
Start meas:	9
Flow rate:	125
Duration:	1
Pump meas:	50

E15
SSE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000216556**

Relateid:	0000704442	County c:	Clay
Unique no:	00704442	Wellname:	MARTINSON, MYRON
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BAAACA	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Tag on well
Loc src:	County	Data src:	Lako Well Co.
Depth drll:	145		
Depth comp:	145		
Date drll:	20041207		
Case diam:	0		
Case depth:	130		
Grout:	Well grouted, type unknown	Pollut dst:	80
Pollut dir:	E	Pollut typ:	SEW
Strat date:	20050314		
Strat upd:	20100406		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Department of Health
Unused:	N		
Entry date:	20050314		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Updt date:	20140131		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217430		
Utmn:	5193234		
Geoc entry:	619032		
Geoc date:	20100216		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	20041222		
Well label:	704442	Swlcount:	1
Swldate:	20041207		
Swlavgmeas:	28		
Swlavgelev:	883		
Site id:	MN5000000216556		

Address Information:

Relateid:	0000704442	Name:	MARTINSON, MYRON
Addtype c:	Both	House no:	4379
Street:	40TH	Road type:	Avenue
Road dir:	South	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	20050314		
Updt date:	20100202		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000704442	Drill meth:	Non-specified Rotary
Drill flud:	Water	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	EVER-FLO	Screen typ:	plastic
Ptlss mfg:	MONITOR	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Not Reported
Pump date:	20041215		
Pump mfg:	STA-RITE	Pump model:	L5P4CHL-03
Pump hp:	.5		
Pump volts:	230		
Dropp len:	130		
Dropp mat:	Not Reported		
Pump cpcty:	5		
Pump type:	Submersible	Variance:	N
Drllr name:	LAKO, P.		
Entry date:	20050314		
Updt date:	Not Reported		

Historic Water Level Information:

Relateid:	0000704442	Meas type:	Well installation
Meas date:	20041207		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	28		
Meas elev:	883		
Data src:	Lako Well Co.	Program:	WELLLOG
Entry date:	20050314		
Updt date:	20100216		

Id Information:

Relateid:	0000704442	Identifier:	210262103
Id type:	CNTY	Id prog:	PID

Pump Test Information:

Relateid:	0000704442
Pumptestid:	1
Test date:	20041207
Start meas:	28
Flow rate:	6
Duration:	2
Pump meas:	120

E16
SSE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000216557**

Relateid:	0000422593	County c:	Clay
Unique no:	00422593	Wellname:	MARTINSON, MYRON
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BAAAAC	Mgsquad c:	Sabin
Elevation:	912		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from neighbor
Loc src:	County	Data src:	Lako Well Co.
Depth drll:	146		
Depth comp:	146		
Date drll:	19901109		
Case diam:	4		
Case depth:	140		
Grout:	Well grouted, type unknown	Pollut dst:	80
Pollut dir:	S	Pollut typ:	SDF
Strat date:	20020917		
Strat upd:	20100406		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910813		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Updt date:	20140214		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	217455		
Utmn:	5193235		
Geoc entry:	619032		
Geoc date:	20100216		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	422593	Swlcount:	1
Swldate:	19901109		
Swlavgmeas:	28		
Swlavgelev:	884		
Site id:	MN5000000216557		

Address Information:

Relateid:	0000422593	Name:	MARTINSON, MYRON
Addtype c:	Both	House no:	4491
Street:	40TH	Road type:	Avenue
Road dir:	South	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19910813		
Updt date:	20100202		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000422593	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	2		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	EVERFLO	Screen typ:	plastic
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Y
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	N
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	LAKO, P.		
Entry date:	Not Reported		
Updt date:	20020917		

Historic Water Level Information:

Relateid:	0000422593	Meas type:	Well installation
Meas date:	19901109		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	28		
Meas elev:	884		
Data src:	Lako Well Co.	Program:	CWI
Entry date:	19910813		
Updt date:	20100216		

Id Information:

Relateid:	0000422593	Identifier:	210262101
Id type:	CNTY	Id prog:	PID

Pump Test Information:

Relateid:	0000422593
Pumptestid:	1
Test date:	19901109
Start meas:	28
Flow rate:	12
Duration:	3
Pump meas:	120

Remarks Information:

Relateid:	0000422593
Seq no:	1
Remarks:	CASING WEIGHT: CLASS 200

Remarks Information:

Relateid:	0000422593
Seq no:	2
Remarks:	GROUTING MATERIAL: O= PORTLAND

17
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000596376**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	USGS-465046096414301		
Monloc name:	139N48W23AAA		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8460736
Longitude:	-96.6956339	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	910.00
Vert measure units:	feet	Vertacc measure val:	52
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19270101	Welldepth:	182
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

F18
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000137714**

Relateid:	0000222079	County c:	Clay
Unique no:	00222079	Wellname:	SAFGREN, LARRY TW-1
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBBCCD	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	342		
Depth comp:	342		
Date drll:	19710908		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920219		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	302		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20091007		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216733		
Utmn:	5193125		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222079	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000137714		

Address Information:

Relateid:	0000222079	Name:	SAFGREN, LARRY TW-1
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19920219		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222079	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	SCHROEDER, F.		
Entry date:	Not Reported		
Updt date:	20000713		

F19
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000145199**

Relateid:	0000222078	County c:	Clay
Unique no:	00222078	Wellname:	SAFGREN, LARRY
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBBCCD	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	128		

Depth comp:	128		
Date drll:	19710908		
Case diam:	4		
Case depth:	124		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19910814		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QFUG	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216733		
Utmn:	5193125		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	222078	Swlcount:	1
Swldate:	19710908		
Swlavgmeas:	40		
Swlavgelev:	871		
Site id:	MN5000000145199		

Address Information:

Relateid:	0000222078	Name:	SAFGREN, LARRY
Addtype c:	Contact address	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	20000713		
Updt date:	Not Reported		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000222078	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Screen mfg:	Not Reported	Screen typ:	stainless steel
Ptlss mfg:	MONITOR	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4 AM 11
Pump hp:	.5		
Pump volts:	230		
Dropp len:	110		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SCHOEDER, F.		
Entry date:	19880407		
Updt date:	20000713		

Historic Water Level Information:

Relateid:	0000222078	Meas type:	Well installation
Meas date:	19710908		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	0		
Measuremt:	40		
Meas elev:	871		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	0		

Pump Test Information:

Relateid:	0000222078
Pumptestid:	1
Test date:	19710900
Start meas:	40
Flow rate:	5
Duration:	Not Reported
Pump meas:	95

F20
South
1/2 - 1 Mile
Higher

MN WELLS **MN5000000182868**

Relateid:	0000243401	County c:	Clay
Unique no:	00243401	Wellname:	SAFGREN, LARRY TW-3
Township:	139	Range:	48
Range dir:	W	Section:	26
Subsection:	BBBCDC	Mgsquad c:	Sabin
Elevation:	911		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	312		

Depth comp:	312		
Date drll:	0		
Case diam:	0		
Case depth:	0		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920219		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	Dale Setterholm
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	301		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19910613		
Updt date:	20091007		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	216734		
Utmn:	5193116		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	243401	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN5000000182868		

Address Information:

Relateid:	0000243401	Name:	SAFGREN, LARRY TW-3
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19910613		
Updt date:	19920219		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000243401	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		

Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	SCHROEDER, F.		
Entry date:	Not Reported		
Updt date:	20000713		

21
West
1/2 - 1 Mile
Lower

MN WELLS **MN5000000024858**

Relateid:	0000163169	County c:	Clay
Unique no:	00163169	Wellname:	MOOREHEAD GOLF COURSE
Township:	139	Range:	48
Range dir:	W	Section:	22
Subsection:	BDBABA	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Commercial	Loc mc:	Not Reported
Loc src:	Minnesota Department of Health	Data src:	Ltp Enterprises
Depth drll:	302		
Depth comp:	291		
Date drll:	19790813		
Case diam:	6		
Case depth:	281		
Grout:	U	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19930513		
Strat upd:	20100610		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	294		
First bdrk:	UREG	Last strat:	Weathering Residuum
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19920723		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Updt date:	20140214		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MDH	Geoc prg:	WHP
Utme:	215687		
Utmn:	5194568		
Geoc entry:	210019		
Geoc date:	20000914		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	163169	Swlcount:	1
Swldate:	19790813		
Swlavgmeas:	77.5999984741211		
Swlavgelev:	831.400024414063		
Site id:	MN5000000024858		

Address Information:

Relateid:	0000163169	Name:	MOOREHEAD GOLF COURSE WELL#4
Addtype c:	Well address	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19920723		
Updt date:	20011126		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000163169	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	3		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Y
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Y
Pump date:	19790613		
Pump mfg:	RED JACKET	Pump model:	6MB-6
Pump hp:	7.5		
Pump volts:	440		
Dropp len:	231		
Dropp mat:	S		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SALAZAR, B.		
Entry date:	19920723		
Updt date:	20020115		

Historic Water Level Information:

Relateid:	0000163169	Meas type:	Well installation
Meas date:	19790813		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	0		
Measuremt:	77.6		
Meas elev:	831.4		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19920723		
Updt date:	20011026		

Pump Test Information:

Relateid:	0000163169
Pumptestid:	1
Test date:	19790813
Start meas:	77.6
Flow rate:	120
Duration:	10
Pump meas:	92.4

G22
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000566879**

Org. Identifier:	USGS-MN		
Formal name:	USGS Minnesota Water Science Center		
Monloc Identifier:	MN040-465053096433801		
Monloc name:	139N48W15CDDCDA01		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	09020104	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	46.8480183
Longitude:	-96.7275797	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	909
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Confined single aquifer		
Construction date:	19720215	Welldepth:	145
Welldepth units:	ft	Wellholedepth:	145
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

G23
WNW
1/2 - 1 Mile
Higher

MN WELLS **MN5000000063494**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000215495	County c:	Clay
Unique no:	00215495	Wellname:	SAFGREN, MRS. BERTHA
Township:	139	Range:	48
Range dir:	W	Section:	15
Subsection:	CDDCDA	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Name on mailbox
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	145		
Depth comp:	143		
Date drll:	19720215		
Case diam:	4		
Case depth:	137		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19921103		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QFUU	Ohbotunit:	QFUG
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	215824		
Utmn:	5195036		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	215495	Swlcount:	1
Swldate:	19720215		
Swlavgmeas:	73		
Swlavgelev:	836		
Site id:	MN5000000063494		

Address Information:

Relateid:	0000215495	Name:	SAFGREN, MRS. BERTHA
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19921103		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000215495	Drill meth:	Not Reported
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Y	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Y
Pump date:	Not Reported		
Pump mfg:	BERKELEY	Pump model:	4AM11
Pump hp:	.5		
Pump volts:	220		
Dropp len:	123		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	AVERSON, D.		
Entry date:	19880407		
Updt date:	20000714		

Historic Water Level Information:

Relateid:	0000215495	Meas type:	Well installation
Meas date:	19720215		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	73		
Meas elev:	836		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19880407		
Updt date:	20000714		

Pump Test Information:

Relateid:	0000215495
Pumptestid:	1
Test date:	19720200
Start meas:	73
Flow rate:	4
Duration:	Not Reported
Pump meas:	104

24
ENE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000059532**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000445120	County c:	Clay
Unique no:	00445120	Wellname:	CHRISTMAN, STEVE
Township:	139	Range:	48
Range dir:	W	Section:	23
Subsection:	AAADAB	Mgsquad c:	Sabin
Elevation:	909		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	Ltp Enterprises
Depth drll:	227		
Depth comp:	223		
Date drll:	19880729		
Case diam:	4		
Case depth:	219.899993896484		
Grout:	Well grouted, type unknown	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19930402		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	SB
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Clay & sand
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	N		
Entry date:	19910108		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	218340		
Utmn:	5194739		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	445120	Swlcount:	1
Swldate:	19880729		
Swlavgmeas:	179		
Swlavgelev:	730		
Site id:	MN5000000059532		

Address Information:

Relateid:	0000445120	Name:	CHRISTMAN, STEVE
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19910108		
Updt date:	19930402		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000445120	Drill meth:	Non-specified Rotary
Drill flud:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	2		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Y
Pump date:	19880802		
Pump mfg:	BERKELEY	Pump model:	10MG10
Pump hp:	.75		
Pump volts:	230		
Dropp len:	210		
Dropp mat:	G		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SALAZAR, B.		
Entry date:	19910108		
Updt date:	20000713		

Historic Water Level Information:

Relateid:	0000445120	Meas type:	Well installation
Meas date:	19880729		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	179		
Meas elev:	730		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19910108		
Updt date:	20000713		

Pump Test Information:

Relateid:	0000445120
Pumptestid:	1
Test date:	19880700
Start meas:	179
Flow rate:	6.5
Duration:	6.25
Pump meas:	194

H25
ESE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000163564**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000516292	County c:	Clay
Unique no:	00516292	Wellname:	MAZOUR, CRAIG
Township:	139	Range:	48
Range dir:	W	Section:	24
Subsection:	CBBBCA	Mgsquad c:	Sabin
Elevation:	913		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Not Reported
Loc src:	Minnesota Department of Health	Data src:	Ltp Enterprises
Depth drll:	272		
Depth comp:	261		
Date drll:	19921104		
Case diam:	4		
Case depth:	257		
Grout:	Well grouted, type unknown	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	20020917		
Strat upd:	20091007		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	N		
Entry date:	19930510		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MDH	Geoc prg:	WHP
Utme:	218378		
Utmn:	5193987		
Geoc entry:	210019		
Geoc date:	20000914		
Geocupd en:	210019		
Geocupd da:	20040618		
Rcvd date:	0		
Well label:	516292	Swlcount:	1
Swldate:	19921104		
Swlavgmeas:	20		
Swlavgelev:	893		
Site id:	MN5000000163564		

Address Information:

Relateid:	0000516292	Name:	MAZOUR, CRAIG
Addtype c:	Both	House no:	RR 2
Street:	BOX 193	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19930510		
Updt date:	19930516		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000516292	Drill meth:	Non-specified Rotary
Drill flud:	Bentonite	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	MONITOR	Ptlss mdl:	4 X 5
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Not Reported
Pump date:	19921105		
Pump mfg:	MYERS	Pump model:	N512R
Pump hp:	.5		
Pump volts:	230		
Dropp len:	105		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SALAZAR, B.		
Entry date:	Not Reported		
Updt date:	20020917		

Historic Water Level Information:

Relateid:	0000516292	Meas type:	Well installation
Meas date:	19921104		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	20		
Meas elev:	893		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19930510		
Updt date:	20020917		

Pump Test Information:

Relateid:	0000516292
Pumptestid:	1
Test date:	19921104
Start meas:	20
Flow rate:	100
Duration:	12
Pump meas:	70

Remarks Information:

Relateid:	0000516292
Seq no:	1
Remarks:	TEST HOLE 1/WELL 1

Remarks Information:

Relateid:	0000516292
Seq no:	2
Remarks:	CASING WEIGHT: CLASS 200

H26
ESE
1/2 - 1 Mile
Higher

MN WELLS **MN5000000216553**

Relateid:	0000516291	County c:	Clay
Unique no:	00516291	Wellname:	KREPS, STEVE
Township:	139	Range:	48
Range dir:	W	Section:	24
Subsection:	CBBCAB	Mgsquad c:	Sabin
Elevation:	913		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Tag on well
Loc src:	County	Data src:	Ltp Enterprises
Depth drll:	227		
Depth comp:	224		
Date drll:	19921106		
Case diam:	0		
Case depth:	0		
Grout:	Well grouted, type unknown	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	20020917		
Strat upd:	20100406		
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	0		
First bdrk:	Not Reported	Last strat:	Sand
Ohtopunit:	QFUU	Ohbotunit:	QFUU
Aquifer:	QBAA	Cuttings:	Not Reported
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Y
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	N		
Entry date:	19930510		
Updt date:	20140214		
Geoc type:	WW	Gcm code:	DS1
Geoc src:	MGS	Geoc prg:	CWI
Utme:	218400		
Utmn:	5193920		
Geoc entry:	619032		
Geoc date:	20100216		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	516291	Swlcount:	1
Swldate:	19921106		
Swlavgmeas:	31		
Swlavgelev:	882		
Site id:	MN5000000216553		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address Information:

Relateid:	0000516291	Name:	KREPS, STEVE
Addtype c:	Both	House no:	3380
Street:	50TH	Road type:	Street
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	56560
Entry date:	19930510		
Updt date:	20100202		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000516291	Drill meth:	Non-specified Rotary
Drill flud:	Bentonite	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Plastic	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	N	Case type:	Single casing
Screen:	Y		
Ohtopfeet:	Not Reported		
Ohbotfeet:	Not Reported		
Screen mfg:	JOHNSON	Screen typ:	stainless steel
Ptlss mfg:	MONITOR	Ptlss mdl:	4 X 5
Bsmt offst:	Not Reported	Csg top ok:	Not Reported
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	Pump inst:	Not Reported
Pump date:	19921106		
Pump mfg:	MYERS	Pump model:	N512R
Pump hp:	.5		
Pump volts:	230		
Dropp len:	63		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	SALAZAR, B.		
Entry date:	Not Reported		
Updt date:	20020917		

Historic Water Level Information:

Relateid:	0000516291	Meas type:	Well installation
Meas date:	19921106		
Meas time:	Not Reported		
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	31		
Meas elev:	882		
Data src:	Ltp Enterprises	Program:	CWI
Entry date:	19930510		
Updt date:	20100318		

Id Information:

Relateid:	0000516291	Identifier:	210244601
Id type:	CNTY	Id prog:	PID

Pump Test Information:

Relateid:	0000516291
Pumptestid:	1
Test date:	19921106
Start meas:	31
Flow rate:	150
Duration:	4
Pump meas:	42.5

Remarks Information:

Relateid:	0000516291
Seq no:	1
Remarks:	TEST HOLE 1

Remarks Information:

Relateid:	0000516291
Seq no:	2
Remarks:	75' E OF HOUSE

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
56560	400	0.0	39.2	6.2	238	162

Federal EPA Radon Zone for CLAY County: 1

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

Federal Area Radon Information for Zip Code: 56560

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	4.700 pCi/L	50%	50%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	11.167 pCi/L	17%	83%	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 I

Subject Property Photographs

Photo 1 – Subject Property

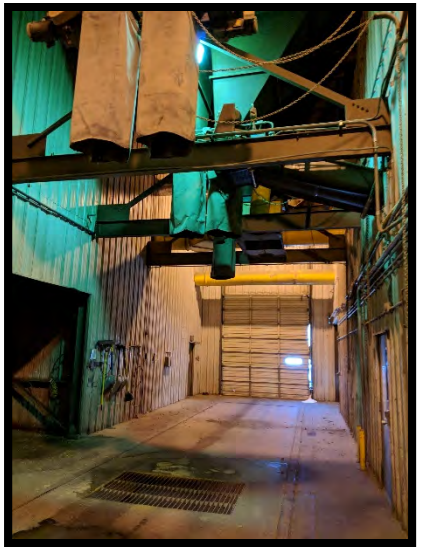

Photo 2 – View of Truck Loading and Unloading Area

Photo 3 – View of West Side of Building and Storage Bins

Photo 4 – View of Rail Spur on South Side of Property

WENCK
Responsive partner. Exceptional outcomes.

Photo 5 – View of Waste Oil Drum in Outdoor Storage Area on SW Side of the Property

Photo 6 – View of Maintenance Shop Attached to South Side of Building

Photo 7 –View of Storage Bins and Northern Truck Entrance

Photo 8 – View of Rail Loading Area

Photo 9 – View of Truck Exit on East Side of Building

Photo 10 – View of Pad Mounted Transformer

Photo 11 – View of Inaccessible Storage Container on South Side of Building

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Appendix J

Research Summary

HIG Research Summary

Site Location
Subject Property
4111 30th Avenue South
Moorhead, MN

Requested by
Wenck Associates, Inc.
1800 Pioneer Creek Center P.O. Box 249
Maple Plain, MN

HIG Project #
2023395
Client Project #
0658-0025
Date Created
01/15/2019

This Research Summary identifies the products and services provided by Historical Information Gatherers, Inc. (HIG) for the above referenced site location. All products are provided as PDFs unless otherwise noted.

Historical Aerial Photographs

Aerial photographs of the site location were used to create a multi-page file named AerialPhotos. Each aerial photograph has a title block that includes the year and scale of the photograph as well as project information submitted at the time the order was placed. The years provided are:

1939, 1948, 1952, 1954, 1962, 1965, 1972, 1976, 1981, 1984, 1991, 1998, 2003, 2008, 2013, 2015

City Directory Pages/Abstracts

Research Methodology: A search was conducted for city directories that include coverage of the site area using HIG's City Directory Collection and other sources, if needed. Directories for the following years were identified for the site area. A comma between date ranges indicates a gap of 10 years or more in available city directories:

Moorhead 1928-2013

The above listed directories were reviewed at approximate 5 year intervals to determine if the street(s) specified in the order were included in the directories and had listings for the site area. HIG attempted to identify former street names and aliases and if identified, these were also included in the review.

Research Results: City directory information, when provided, was used to create a multi-page file(s) named CD- followed by the street name. When City Directory Pages are provided, the publication name and date are shown at the top of each page. When a City Directory abstract is provided, the first page of the abstract includes the relevant publication information. The years of coverage identified for each street and any identified historical street names are as follows:

30th Avenue S (1996-2013)
41st Street S (2006-2013)

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

Database Report

A GeoSearch Radius Report is provided as a file named DBR. Links to the text file, unlocatable report and zip report can be accessed by clicking on the paperclip icon within the GeoSearch report. Key information regarding the database listings is included in a separate Excel spreadsheet named DBRS.

Plat Map+

An online search was conducted for recent plat or parcel maps of the site location and coverage is provided in the file named PropertyMap.

In addition, a search was completed of the HIG Historical Map Collection for historical survey documents and cadastral maps. Maps that cover the site location were provided in a file named HistoricalMaps. The years of coverage provided

are listed below.

1860, 1909, 1925

Topographic Maps

The HIG Historical Map Collection was searched for topographic maps for the site location and adjoining properties. Maps from the HIG Collection were used to create a multi-page file named TopoMaps. The years provided are:

1895, 1897, 1964, 1971, 1976, 2013, 2016

Up to four different topographic maps may have been used to create a unified map showing the site location in the center. Unified maps show subdued modern topo features where corresponding maps of the same year were not published. The date in large font on each map is the date HIG has attributed to the map based on the date of first publication, or the most recent date of map inspection or revision. The definitions below provide clarification regarding the dates included in the HIG title block for each map.

Base Map Year - The year when a topographic map was first published or the date the map was significantly revised and given a new base map date.
Photo Year - The date of the most recent aerial photography used to create, revise, or inspect the map.
Photoinspected Year - The year the base map was compared to a more recent aerial photograph. If the comparison showed that no changes were needed, the map was marked photoinspected and no changes were made to the map.
Photorevised Year - During the photo inspection process, if enough changes were observed, the map would be revised by adding the new features. These changes were not field checked and are shown in purple on the photorevised maps.

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