

FINAL

**ENVIRONMENTAL CONDITION OF
PROPERTY REPORT**

**GENERAL BEEBE U.S. ARMY RESERVE CENTER /
AMSA #111 (MN014)
2119 U.S. HIGHWAY 60 WEST
FARIBAULT, MN 55021**

Prepared For:

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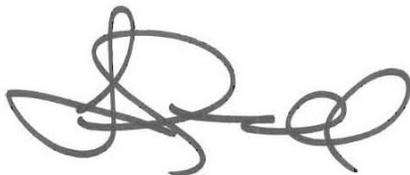
CERTIFICATION

All information/documentation provided accurately reflects the environmental condition of the property. This ECP Report is in general accordance with the U.S. Department of Defense (DOD) requirements for completion of an Environmental Condition of Property (ECP) Report.

DAVID L. MOORE
Chief, Environmental Division
88th Regional Readiness Command

DATE

The undersigned certifies the contents of this report are in general accordance with DoD policies for the completion of an ECP.



February 13, 2007

LENARD GUNNELL, P.G
Project Geologist
U.S. Army Corps of Engineers

DATE

Executive Summary

CH2M HILL and Plexus Scientific Corporation (Plexus), under contract to the United States Army Corps of Engineers (USACE), Louisville District, have prepared this Environmental Condition of Property (ECP) Report for the General Beebe U.S. Army Reserve (USAR) Center/ Area Maintenance and Support Activity (AMSA) #111 (Facility ID MN014), hereafter referred to as the "Property" or "USAR Center." The Property is in Faribault, Rice County, Minnesota and encompasses approximately 5.3 acres.

This ECP was conducted in general conformance with the Department of Defense's Base Redevelopment and Realignment Manual, DoD 4165.77-M (BRRM), Army Regulation 200-1, and the American Society for Testing and Materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys*.

This ECP Report details the history of the Property, including the U.S. Army Reserve and any prior tenant uses of the Site and the resulting environmental condition of the Property.

The USAR Center is on approximately 5.3 acres of land with two permanent structures, an administrative building and an organizational maintenance shop (OMS)/ AMSA shop. Construction of the original 12,745 square-foot administration building and the original 2,558 square-foot OMS building was completed in 1958 and 1959, respectively. In 1977, the administrative and OMS buildings were expanded. An indoor firing range, drill hall, kitchen, and storage area were added to the administrative building, and an AMSA shop was added to the OMS building.

Based on a review of aerial photographs and United States Geological Survey (USGS) topographical maps dating back to 1938, the Property was open fields used for agricultural purposes prior to acquisition by the U.S. Government in 1957.

Areas of potential environmental concern were reviewed, and CH2M HILL and Plexus found evidence indicating the potential for petroleum contamination migrating beneath the Property from two adjacent properties. A manufacturing company located south of the Property received a complete site closure in 1994; however, contaminated soil and groundwater are noted to remain on the property. Three groundwater monitoring wells are located along the southern property boundary (upgradient) of the Property and USAR site personnel indicated that groundwater contamination from the southern adjacent property extends beneath the USAR Property.

An inactive gas station is located approximately 400 feet west of the Property. The gas station received site closure in 1995; however, contaminated soil and offsite contamination remain. In 1989, the Army denied the request of the gas station to install a monitoring well on the Property to evaluate groundwater plume migration from the gas station.

In accordance with Department of Defense (DoD) policy defining the classifications (See Sherri Goodman Memorandum dated 21 October 1996), the Property has been classified as Type 2. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the 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.

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Abbreviations and Acronyms

The following is a comprehensive list of abbreviations and acronyms that are used throughout this report.

ACM	Asbestos-Containing Material
AMSA	Area Maintenance and Support Activity
AR	Army Regulation
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
BRAC	Base Realignment and Closure
BRRM	Base Redevelopment and Realignment Manual
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CFR	Code of Federal Regulations
CONEX	Container Express
CORRACTS	Corrective Action Sites
DoD	Department of Defense
DPLP	Delisted from the Permanent List of Priorities
ECP	Environmental Condition of Property
EDR	Environmental Data Resources, Inc.
ERNS	Emergency Response Notification System
FEMA	Federal Emergency Management Agency
HW PERM	Hazardous Waste Permit Unit Project Facilities
kg	kilogram
LBP	Lead-Based Paint
LCP	Closed Landfill Sites Undergoing Cleanup
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
mm	millimeter
µg/sf	micrograms per square foot

MDH	Minnesota Department of Health
MDNR	Minnesota Department of Natural Resources
MEC	Munitions and Explosives of Concern
MEP	Military Equipment Parking
MPCA	Minnesota Pollution Control Agency
msl	mean sea level
NFRAP	No Further Remedial Action Planned
NGVD	National Geodetic Vertical Datum
NPL	National Priorities List
NRCS	National Resource Conservation Service
NRHP	National Register of Historic Places
ODI	Outstate Dump Inventory
OMS	Organizational Maintenance Shop
OWS	Oil/Water Separator
PCB	Polychlorinated Biphenyl
pCi/L	picoCuries per liter
PID	Photo Ionization Detector
PLP	Permanent List of Priorities
POL	Petroleum, Oil, and Lubricant
POV	Privately Owned Vehicle
RCRA	Resource Conservation and Recovery Act
RCRIS	RCRA Information System
ROD	Record of Decision
RQ	Reportable Quantity
RRC	Regional Readiness Command
STATSGO	State Soil Geographic Database
SW PERM	Permitted Solid Waste Facilities
TCE	trichloroethylene
TPH	Total Petroleum Hydrocarbons
TSD	Treatment, Storage, or Disposal
TSI	Thermal System Insulation

USACE	United States Army Corps of Engineers
USAR	United States Army Reserve
USARC	United States Army Reserve Center
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
VIC	Voluntary Investigation and Cleanup
WSR	Wild and Scenic River

1 Introduction

CH2M HILL, under contract to the United States Army Corps of Engineers (USACE) Louisville District Engineering Division was authorized to conduct an Environmental Condition of Property (ECP) report for the General Beebe United States Army Reserve (USAR) Center/ Area Maintenance and Support Activity (AMSA) #111 (MN014). The facility is located at 2119 U.S. Highway 60 West, Faribault, Rice County, Minnesota, and is hereafter referred to as the "Property" or "USAR Center." CH2M HILL and Plexus Scientific Corporation prepared this ECP report under contract number W912QR-04-D-0020, Task Order No. 0018, with the Louisville District USACE.

A visual non-intrusive reconnaissance of the Property was conducted on August 3, 2006, in support of the ECP. The reconnaissance purpose was to visually obtain information indicating the likelihood of recognized environmental conditions associated with the Property or adjacent properties.

In preparing this ECP report, CH2M HILL and Plexus Scientific Corporation gathered information from the available records and previous work from others; interviews with individuals purporting to be familiar with the Property; and observations from a site reconnaissance. The accuracy of the information obtained from these sources was not verified by CH2M HILL or Plexus Scientific Corporation. As such, CH2M HILL and Plexus will make no warranty, expressed or implied, relative to the accuracy, completeness, or reliability of the information used to create the records and reports prepared by others.

1.1 Purpose of Environmental Condition of Property (ECP)

The Military Department with real property accountability shall assess, determine and document the environmental condition of all transferable property in an ECP Report. This ECP Report is based on readily available information. Pursuant to the Department of Defense's policy, set forth in the Base Redevelopment and Realignment Manual (DoD 4165.66-M, March 1, 2006) Section C8.3 (BRRM), the primary purposes of the ECP Report include the following:

- Provide the Army with information it may use to make disposal decisions.
- Provide the public with information relative to the environmental condition of the property.
- Assist in community planning for the reuse of BRAC property.
- Assist Federal agencies during the property screening process.
- Provide information for prospective buyers.
- Assist prospective new owners in meeting the requirements under EPA's "All Appropriate Inquiry" regulations.
- Provide information about completed remedial and corrective actions at the property.
- Assist in determining appropriate responsibilities, asset valuation, and liabilities with other parties to a transaction.

The ECP Report contains the information required to comply with the provisions of 40 Code of Federal Regulations (CFR) Part 373, which require that a notice accompany contracts for the sale of, and deeds entered into, for the transfer of federal property on which any hazardous substance was stored, released or disposed of. The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Section 120(h) stipulates that a notice is required if certain quantities of designated hazardous substances have been stored on the property for one year or more – specifically, quantities exceeding 1,000 kilograms or the reportable quantity, whichever is greater, of the substances specified in 40 CFR 302.4 or one kilogram of acutely hazardous waste as defined in 40 CFR 261.30. A notice is also required if hazardous substances have been disposed of or released on the property in an amount greater than or equal to the reportable quantity. Army Regulation (AR) 200-1 requires that the ECP Report address asbestos, lead-based paint, radon and other substances potentially hazardous to human health.

This ECP Report used the American Society for Testing and materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys*, the BRRM, CERCLA § 120, and Army Regulation 200-1.

1.2 Scope of Services

This ECP report covers the 5.3-acre USAR Center located at 2119 U.S. Highway 60 West, Faribault, Minnesota. The Property is bounded by a frontage road and U.S. Highway 60 West to the north, commercial development to the west and south, and an Eagles Club and park to the east. All site maps, figures and aerial photographs referenced herein are provided in Appendix A, while Appendix B contains the photographs taken during the August 3, 2006 site reconnaissance. Appendix C contains the Property chain of title information, and lease or permit agreements if applicable. Relevant historical environmental documents and reports are provided in Appendix D, while Appendix E contains the Environmental Data Resources, Inc. (EDR) radius search reports commissioned for this effort.

This ECP report classifies the property into one of seven DoD Environmental ECP categories as defined by the Deputy Under Secretary of Defense Memorandum, *Clarification of "Uncontaminated" Environmental Condition of Property at Base Realignment and Closure (BRAC) Installations*, dated October 21, 1996. The property classification categories are as follows:

- ECP Area Type 1 – An area or parcel of real property where no release or disposal of hazardous substances or petroleum products or their derivatives has occurred (including no migration of these substances from adjacent properties).
- ECP Area Type 2 – An area or parcel of real property where only the release or disposal of petroleum products or their derivatives has occurred.
- ECP Area Type 3 – An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action.

- ECP Area Type 4— An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred and all remedial actions necessary to protect human health and the environment have been taken.
- ECP Area Type 5— An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred and removal or remedial actions, or both, are underway, but all required actions have not yet been taken.
- ECP Area Type 6— An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but required response actions have not yet been initiated.
- ECP Area Type 7— An area or parcel of real property that is unevaluated or requires additional evaluation.

2 Site Location and Physical Description

2.1 Site Location

The General Beebe USAR Center/AMSA #111 is located in Rice County, on the west side of the city of Faribault, Minnesota, at 2119 U.S. Highway 60 West. Figure 1 in Appendix A shows the site location. The 5.3-acre parcel is situated along the frontage road of a main thoroughfare (U.S. Highway 60 West), and is surrounded on other property boundaries by commercial development and a park.

2.2 Asset Information

Facility Name and Address:	General Beebe USAR Center/AMSA #111 2119 U.S. Highway 60 West Faribault, Minnesota
Property Owner:	United States Government
Date of Ownership:	May 22, 1957
Current Occupant:	417 th Maintenance Company, AMSA #111
Zoning:	C-3, Community Commercial
County, State:	Rice, Minnesota
USGS Quadrangle(s):	Faribault, Minnesota
Section/Township/Range:	Section 36, Township 110 North, Range 21 West
Latitude/longitude:	44 17' 37.7"N; 93 18' 2.5"W

Legal Description:

According to the chain of title for Property (Appendix C), the current property legal description is as follows:

Being that parcel or tract of land, situated and lying in the Southwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of Section 36, Township 110 North, Range 21 West, 5th Principal Meridian, Rice County, State of Minnesota.

Assessor's Parcel No: 18-36-2-50-006

2.3 Physical Description

The General Beebe USAR Center/AMSA #111 is located on a 5.3-acre parcel on the western side of the city of Faribault, Minnesota. The Property is located on the United States Geological Survey (USGS) 7.5 minute Faribault, Minnesota Quadrangle map, at an average

elevation of 981 feet National Geodetic Vertical Datum (NGVD). The topography is generally flat, with a slight decrease in elevation toward the north.

The USAR Center contains two permanent structures and two parking lots. Photographs of the administrative and AMSA shop are included as Photographs 1 and 2, Appendix B. Construction of the original 12,745 square-foot administration building and the original 2,558 square-foot organizational maintenance shop (OMS) building was completed in 1958 and 1959, respectively (U.S. Army, 1958; Fort McCoy Archaeological Laboratory, 2001). According to a 1991 Annual Utilization Survey prepared by the U.S. Army, the facility was formally dedicated on May 20, 1958 (U.S. Army, 1991). In 1977, the administrative and OMS buildings were expanded. An indoor firing range, drill hall, kitchen, and storage area were added to the administrative building, and an AMSA shop was added to the OMS building. According to the city of Faribault property records, the administration and OMS/AMSA buildings presently contain 16,934 square feet and 9,115 square feet, respectively. Both structures are on concrete foundations, and consist of concrete block walls covered with a brick veneer. A military equipment parking (MEP) area (Photograph 3, Appendix B) and a privately owned vehicle (POV) parking area are also contained within the Property. Figure 2, in Appendix A shows the site layout.

With the exception of the northern grassed area, north and east sides of the administration building, and the POV area, the Property (including the MEP area, OMS/AMSA building, and remainder of the administrative building) is completely secured by chain-link security fencing with barbed wire. The northern grassed area, north and east sides of the administration building, and the POV area are open to the frontage road.

Approximately two-thirds of the Property is covered by impervious surface features such as asphalt parking areas, driveways, concrete walkways, and building footprints. The remaining land is grassed with a sparse population of bushes on the north side of the administrative building.

Administration Building

The administration building is an irregular-shaped multiple-level structure that provides office space and training areas for the reservists at the facility. The northern portion of the administration building consists of a one-story, gabled administration section that mainly consists of office and classroom space. The southern portion of the building, which includes the 1977 expansion, consists of a two-story drill hall, kitchen area, storage, and former indoor firing range. The kitchen contains a grease trap (Photograph 4, Appendix B). The northern and southern portions of the building are connected by a one-story enclosed corridor. The 417th Maintenance Company is the present unit at the USAR Center.

OMS/AMSA #111 Shop

The multi-leveled OMS/AMSA Shop provides unobstructed, open space for the repair of military vehicles. The eastern $\frac{1}{4}$ of the building consists of the original OMS shop constructed in 1959. This portion of the building contains two service bays and is presently occupied and maintained by the 417th Maintenance Company. The OMS building was used to perform limited maintenance activities on military equipment. At the time of the site reconnaissance, the OMS area was used mainly for storage purposes. No evidence of recent vehicle maintenance was observed and no floor drains were evident.

The western $\frac{3}{4}$ of the building consists of the AMSA shop that was constructed in 1977. The AMSA shop contains seven service bays and is also equipped with three offices, a battery storage room, break room, restroom, and flammable materials storage room. Seven trench drains are present at the rollup service bay doors. These trench drains drain to the active oil/water separator (OWS) that is located in the eastern portion of the AMSA shop (Photograph 5, Appendix B).

Flammable Materials Storage Sheds

In 1964, a semi-permanent flammable materials storage structure was erected on the southern edge of the MEP area (Photograph 6, Appendix B) (Fort McCoy Archaeological Laboratory, 2001). This square shaped building has a concrete foundation and is covered with corrugated tin. At the time of the site reconnaissance, this building was used to store empty 55-gallon drums, scrap metal, compressed oxygen cylinders, and large mobile vehicle jacks. The paved floor of the flammable materials storage shed appeared to be in good condition at the time of the site visit.

Six additional flammable materials storage sheds (mobile and temporary) were observed on the Property (Photographs 7 and 8, Appendix B). The OMS maintains small quantities (5 gallons or less) of chemicals such as lube/gear oil, brake fluid, transmission oil, and antifreeze in the three flammable materials storage sheds located between the administrative building and OMS/AMSA buildings. Two of the flammable materials storage sheds were empty during the site reconnaissance. The AMSA shop maintains three mobile flammable materials storage sheds on the south side of the AMSA shop. Materials stored in these storage sheds include lube/gear oil, paint thinner, paint, brake fluid, transmission oil, antifreeze, diesel fuel cans, and used oil filters.

Aluminum Storage Shed

A semi-permanent aluminum storage shed was recently erected on the southern edge of the MEP area, near the semi-permanent flammable materials storage shed. At the time of the site reconnaissance, this building was used to store new tires (Photograph 6, Appendix B).

Wooden Storage Shed

A semi-permanent storage building was erected adjacent to the OMS' east façade at an unknown date (Fort McCoy Archaeological Laboratory, 2001). This building was observed as empty and in poor condition during the 2006 site reconnaissance. This wooden structure contained partially removed asbestos-containing transite siding (Photographs 9 and 10, Appendix B). Additional information concerning the removal and disposition of the transite siding associated with this building is included in Section 6.5.

Vehicle Wash Area

Vehicle washing occurred on an outdoor vehicle wash area located between the OMS/AMSA building and administrative building (see Figure 2 in Appendix A) (Photograph 11, Appendix B). According to site personnel, the vehicle wash area was rarely used. The vehicle wash area consisted of a 26 foot by 36 foot concrete pad. A concrete curb was located around the perimeter of the vehicle wash facility and a "basket type" sediment trap in the center of the pad. The circular grated sediment trap was constructed of cast iron

and discharged to the southwest to the OWS located in the AMSA shop (Jones Technologies, 2004).

In 2002, the vehicle wash area was closed at the facility. The concrete pad revealed few visible cracks; however, the structural integrity appeared intact. The concrete curb was demolished using a pneumatic hammer. Approximately 2 feet of concrete around the perimeter of the wash area was saw-cut and removed to facilitate the application of asphalt. Concrete rubble was transported off-site for disposal. The sediment trap and periphery of the vehicle wash area were screened with a Photo Ionization Detector (PID) prior to plugging and paving. No elevated readings were observed. A sealed bag PID headspace analysis of a soil sample from the perimeter excavation showed no indication of the release of volatile organic compounds to the environment. The sediment trap drain line was plugged with concrete and the sediment trap abandoned in-place. The excavated area was paved with asphalt (Jones Technologies, 2004).

At the time of the site reconnaissance, two large Container Express (CONEX) boxes were situated over the former wash rack area. In addition, it appears that the former wash rack area has been recently paved over with new asphalt.

Can Wash

A can wash area was located on the south side of the administrative building (Photograph 12, Appendix B) (see Figure 2 in Appendix A). The can wash area consisted of a 10 foot by 16 foot concrete pad. A concrete curb was located around the perimeter of the can wash pad and a circular grated sediment trap in the center of the pad. Similar to the vehicle wash area, the cast iron sediment trap of the can wash discharged south/southwest to the OWS located in the AMSA shop (Jones Technologies, 2004).

In 2002, the can wash area was closed at the facility. The concrete pad revealed few visible cracks; however, the structural integrity appeared intact. The concrete curb around the can wash was demolished using a pneumatic hammer. PID screening of the can wash drain indicated no elevated readings. PID head space analysis of soils from the periphery of the can wash showed no elevated readings. The can wash drain was plugged with concrete. The can wash area was restored with asphalt (Jones Technologies, 2004).

2.4 Site Hydrology and Geology

The General Beebe USAR Center/AMSA #111 and Faribault are located within the Estherville-Colo-Waukegan series soil, which consists of outwash plains and terraces; floodplains.

The topography of the area is level to sloping, but narrow strips of unpaved soil on steeper slopes extend into the areas along the drainage ways and around bogs (NRCS, 2000).

Both Faribault and the General Beebe USAR Center/AMSA #111 are found on the USGS 7.5 minute Faribault quadrangle map. As shown on this map, ground surface elevations at the USAR Property average 980 feet mean sea level (msl), with little changes in elevation.

2.4.1 Surface Water Characteristics

Figure 3 in Appendix A provides a portion of the 1995 Faribault, Minnesota USGS topographic map which includes the Property. As shown, the Property is situated at an elevation of approximately 980 feet above msl and is relatively flat. In the immediate vicinity of the Property, the land surface gently slopes towards the Cannon River located north of the Property.

Across the Property, storm water sheet flows to a ditch along the southern right-of-way of the frontage road. No storm water drains are present on the property. According to the Mr. Dennis Duchene, the City of Faribault Water Utility Supervisor, water in the ditch flows to the west to a catch basin located at the intersection of Western Avenue and U.S. Highway 60. The catch basin drains into the Cannon River located approximately 750 feet north of the Property.

No surface water features are located in the immediate vicinity of the Property. The Cannon River is the closest major surface water feature. The Cannon River begins in Shields Lake in Rice County, curves into Le Sueur County, then reenters Rice County, and traverses the County from southwest to the northeast, meeting the Mississippi River near Red Wing. Much of Rice County falls into the watershed of the Cannon River (covering 259,586 acres) and its tributaries, including the Straight River and Prairie Creek (Rice County, 2004).

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map, Community Panel 2704040002C, the Property is not included in the 100-year floodplain elevation (EDR, 2006; Appendix E).

2.4.2 Hydrogeological Characteristics

According to information acquired from the Soil Conservation Service's State Soil Geographic Database (STATSGO) for Rice County, specific types of soil at the Property are from the Estherville Series. The soil beneath the Property does not meet the requirements of a hydric soil (i.e., wetland indicator soils).

Rice County was greatly affected by glaciation. The current landscape of Rice County results largely from glacial activity during the Quaternary Period. The Des Moines lobe that advanced across Minnesota and into Iowa near the end of the Wisconsinan stage (about 14,000 years ago) created the current landscape of Rice County. Fine-textured fragments of limestone, shale, and granite from the glaciation later became the fine prairie soil of the area (Rice County, 2004).

The surface soil beneath the Property is generally silty loam and silty clay loam. These soil types are listed as moderate to well drained soil with high hydraulic conductivity and low water holding capacity. In a typical profile, the surface layer is approximately 13 inches thick and is a silty clay loam. Underlying this layer is a sandy loam that is approximately 5 inches thick. The subsoil is approximately 42 inches thick and is gravelly-coarse sand (EDR, 2006).

The overburden in Rice County is unconsolidated glacial drift deposited in several glacial episodes. This material ranges from very poorly sorted deposits (till) to very well sorted deposits of sand and gravel. More recently, unconsolidated deposits lie along stream

channels and valley floors in the County. Underlying the surficial deposits, the bedrock formations, which dip regionally to the southeast, consist mainly of marine sedimentary rocks consisting of sandstone, shale, dolomitic limestone, and dolostone (Rice County, 2004).

The bedrock of the St. Peter sandstone aquifer, which is composed of a fine to medium grained sandstone, is the uppermost named formation in the area. Near the base of the St. Peter sandstone there is commonly a clayey zone that, when present, can impede but not prevent vertical movement of groundwater. Below the St. Peter are the Prairie du Chien dolomite (limestone) and the Jordan sandstone, which together are the important regional aquifer. There are significant fractures and karst features (cave-like openings) in the Prairie du Chien dolomite. These openings conduct much of the groundwater flow and can be vertically and horizontally extensive (MDH, 2000).

Groundwater is Rice County's most abundant water resource and residents of Rice County obtain their water solely from groundwater resources. The major primary aquifer system in the County is the Saint Peter-Prairie du Chien-Jordan aquifer, which ranges in saturated thickness from zero to 500 feet. City wells tap use the Jordan Sandstone portion of the aquifer, while residential wells are generally shallower and tap into the water from glacial drifts or the Saint Peter Sandstone. Alluvial deposits of the Cannon River provides a discharge region for the County's water table and recharge to the bedrock aquifer of the rivers (Rice County, 2004).

Groundwater flow in the uppermost unit (surficial soil and within 20 feet) is assumed to be to the north or northeast. Groundwater flow in the Prairie du Chien also tends to be to the north; however, the presence of fractures and karst features results in the concentration of groundwater flow in narrow openings of unknown location which can result in unpredictable flow rates and directions (MDH, 2000).

Protection of the aquifers and groundwater contamination is also an issue in karst areas of Rice County. Karst features enable surface water to be rapidly introduced into the groundwater. Caves, sinkholes, springs and disappearing streams present avenues for the introduction of contaminants. Although karst features are relatively minor and are buried beneath glacial drift in the County, interaction between surface and subsurface waters can occur. Karst geology can be seen along the Straight River in Faribault (Rice County, 2004).

Based on the proximity of the Cannon River to the property and the flat topography of the Property and surrounding area, groundwater in the upper portion of the shallow aquifer likely flows to the north toward the Cannon River.

2.5 Site Utilities

Water Service—The City of Faribault provides potable water service to the Property.

Sanitary Sewer System—The City of Faribault provides sanitary sewer service to the Property. The primary source of wastewater that is directed to the city sewer system includes non-process wastewater (bathrooms, sinks, etc.) and vehicle washing runoff.

Gas and Electric—Northern States Power (NSP) provides natural gas service to the Property, while XCEL Energy provides electric service to the Property.

2.6 Water Supply Wells and Septic Systems

Based upon a review of available historical site and agency records and interviews with site personnel, neither a water supply well nor a septic system is or was located at the Property. Potable water is supplied by the City of Faribault.

A search of Federal and State water well databases did not identify any water supply sources within a $\frac{1}{4}$ - mile radius of the property. Forty-three water supply sources were identified within a $\frac{1}{4}$ to 1-mile radius of the Property with the nearest wells located approximately $\frac{1}{3}$ - mile south/southwest of the Property. These wells are located topographically up-gradient of the Property

According to the Mr. Dennis Duchene, the City of Faribault Water Utility Supervisor, no public supply wells are located within a one-mile radius of the Property.

3 Site History

3.1 History of Ownership

Land titles for the Property, which are included in the chain of title report in Appendix C, were available back to 1936. According to the chain of title provided by NETR-Real Estate Research & Information, the Property (Assessor's Parcel No: 18-36-2-50-006) was purchased by the United States of America on May 22, 1957 from William and Luella Driessen. The report did not identify any environmental liens, institutional controls or engineering controls for the USAR Property.

According to a City Directory provided by EDR and dated July 13, 2006, the address of the USAR Center was not listed in the research source (Polk's City Directory) between 1945 and 1996. U.S. Highway 60 was not listed until 1965. Coverage for the area was incomplete and with the exception of the Eagles Aeries Lodge 1460 (located adjacent to the east), no listings were available for the surrounding properties. A copy of the City Directory is included in Appendix E.

3.2 Past Uses and Operations

In 1957, the U.S. Government purchased the 5.3 acres of land for construction of the USAR Center (Fort McCoy Archaeological Laboratory, 2001). The original footprint of the administrative and OMS buildings on the Property were constructed in 1958 and 1959, respectively. In 1977, both the administrative and OMS buildings were expanded. Historical information sources suggest that the Property was formerly undeveloped and utilized for agricultural purposes. The Property has served as a reserve, mobilization, and vehicle maintenance center for the USAR since the U.S. Government acquired the land in 1957.

From 1958 to 1977, the Property primarily functioned as an administrative, logistical, and educational facility, with limited maintenance of military vehicles occurring in the OMS building. The 1977 expansion in the southern portion of the administrative building included an indoor firing range, kitchen, and storage areas. An adjoining AMSA shop was constructed to the west of the OMS building.

The Property was historically used by reservists for drill activities on various weekends throughout the year and for maintenance of vehicles for USAR Centers in the area. The 417th Maintenance Company and AMSA #111 are currently present at the USAR Center.

The mission of the 417th Maintenance Company, upon mobilization, is to mobilize and deploy to the theater of operation to repair and rebuild major components and end items to Fully Mission Capable status and return to theater of operations supply system. The company will also ensure perimeter defense and Force Protection Operations are implemented. At the time of the site reconnaissance, the administration building contained various items, including desks, office furniture, folding tables, military clothing, hazardous material responder equipment, and miscellaneous office equipment.

As part of the 1977 expansion of the administrative building, an indoor firing range was constructed. This three position range with an electronic target retrieval system was located on the ground floor of the facility. The indoor firing range was cleaned up in January 2001. This cleanup included the removal of the steel bullet traps, and cleaning the floors, ceilings, and range sidewalls. Clearance dust sampling indicated that lead levels were below the project clearance levels (IT Corporation, 2002). At the time of the site reconnaissance, the firing range at the USAR Center was being used for storage and a fitness room (Photograph 13, Appendix B).

A can wash area that serviced the kitchen was located on the south side of the administrative building. The can wash area consisted of a 10 foot by 16 foot concrete pad that drained to the OWS located in the AMSA shop. In 2002, the can wash area was closed at the facility (Jones Technologies, 2004).

The OMS building was used to perform limited maintenance activities on military equipment. Activities inside the OMS building were limited to preventative maintenance checks, including checking vehicle fluids such as lube oil, water, and antifreeze, and light maintenance activities. Prior to 1977, any equipment requiring heavier maintenance activities was sent to an AMSA shop located at one of the other Reserve Centers in Minnesota. Equipment requiring major overhaul was also sent offsite.

At the time of the site reconnaissance, the OMS building was mainly used for storage purposes. The OMS contained 55-gallon drums for used absorbents, a 55-gallon drum for clean absorbents, an acetylene cutting system, various tools, work benches/tables, cabinets, mobile hydraulic engine lift, and numerous stacked pallets of military clothes and blankets. No vehicle maintenance has been conducted in the OMS for numerous years and no floor drains were evident in the OMS area.

The OMS maintains small quantities of chemicals in the three mobile/temporary flammable materials storage sheds located between the administrative building and OMS buildings and two flammable materials storage cabinets. One of the flammable materials storage sheds contained small quantities (5 gallons or less) of lube/gear oil, brake fluid, transmission oil, and antifreeze. The other two flammable materials storage sheds were empty. Materials stored in the flammable materials storage cabinets included small quantities of starting fluid, brake and carburetor cleaner, lubricants, sealers, paint and other general cleaners. General housekeeping in these storage sheds and the OMS was good.

Since construction in 1977, the AMSA shop has been used for the maintenance of vehicles for USAR Centers in the area. The AMSA shop contains seven service bays and is also equipped with three offices, a battery storage room, break room, restroom, and flammable materials storage room. Seven trench drains are present at the rollup service bay doors. These trench drains drain to the active OWS that is located in the eastern portion of the AMSA shop. The AMSA shop previously contained one hydraulic vehicle hoist in the easternmost service bay (Photograph 14, Appendix B). During a 1997 building survey, water was observed as running in and out of the underground pit associated with the inactive hoist (U.S. Army, 1997). In December 2002, the hydraulic vehicle hoist was removed from the Property and the excavation was backfilled and finished with concrete. Additional information concerning the removal of the hoist is included in Sections 3.5.1 and 3.5.7.

At the time of the site reconnaissance, the maintenance of military vehicles was observed. The AMSA shop contains various containers (ranging in size from one pint to 55-gallons) consisting mainly of lube/gear oil, paint thinner, paint, brake fluid, transmission oil, and antifreeze. The majority of these materials are stored in flammable materials storage room (Photograph 15, Appendix B) or the three mobile/temporary flammable materials storage sheds on the south side of the AMSA shop. Other materials observed in the flammable materials storage sheds included diesel fuel cans and used oil filters. General housekeeping in the flammable materials storage room and three flammable materials storage sheds at the time of the site reconnaissance was observed as good.

Since construction in 1977, the AMSA Shop has maintained a battery storage room in the western portion of the AMSA Shop area (Photograph 16, Appendix B). One floor drain is located in the center of the battery storage room. This floor drain is connected to the municipal sewer system and is not connected to the OWS. At the time of the site reconnaissance, approximately 24 batteries were stored on secondary containment in the storage room. Batteries are exchanged on a "one for one" basis with Interstate Batteries. General housekeeping in the storage room was observed as good and no pooling of liquids was observed on the floor or near the floor drain.

One small flammable materials storage cabinet was also observed in the AMSA shop. This cabinet contained aerosol cans of brake cleaner, anti-seize, spray paint, and lubricant.

Used oil has historically been stored in a 500-gallon aboveground storage tank (AST) located on the south side of the western portion of the AMSA shop. One 500-gallon AST was installed on the Property during construction of the AMSA shop in 1977. In 1994, this AST was replaced with a 500-gallon used oil CONVAULT® tank (Photograph 17, Appendix B).

Vehicle washing would have historically occurred at the outdoor vehicle wash area located between the OMS/AMSA building and administrative building. According to 88th Regional Readiness Command (RRC) personnel, the vehicle wash area was rarely used. The vehicle wash area consisted of a curbed concrete pad with a drain that discharged to the OWS located in the AMSA shop. In 2002, the vehicle wash area was closed (Jones Technologies, 2004).

At the time of the site reconnaissance, numerous military vehicles were located in the fenced MEP. Also observed in the MEP area was the storage of miscellaneous tent equipment.

Historical aerial photographs and topographic maps were the primary source of information on the past use and operations at the Property. Figures 3 - 12 in Appendix A provide USGS topographical maps and aerial views of the Property and surrounding areas in 1938, 1940, 1951, 1960, 1964, 1970, 1991, 1995, 1999, and 2005.

The 1938 aerial photograph (Figure 4, Appendix A) shows the Property and areas to the north, south, and east as undeveloped and utilized for agricultural purposes. A cluster of five or six buildings, which likely are part of a farm, are present on the adjacent property to the west. Another farm and a cluster of buildings is present to the northwest of the Property. A commercial property is evident to the north along the Cannon River. The majority of the remaining surrounding properties appear to be used for agricultural purposes. The City of Faribault is established to the east.

The 1940 and 1951 aerial photographs (Figures 5 and 6, respectively, Appendix A) shows the Property and surrounding properties relatively unchanged from the 1938 aerial photograph.

The 1960 USGS topographical map (Figure 7, Appendix A) depicts both the administration building and OMS building on the Property. U.S. Highway 60 is now present to the north as a two-lane road. The frontage road along the south side of U.S. Highway 60 is also present. Development along Western Avenue and U.S. Highway 60 area are also visible.

Similar to the 1960 USGS topographical map, the 1964 aerial photograph (Figure 8, Appendix A) shows both the administration building and OMS building. A substantive amount of equipment and vehicles are evident in the MEP area; however, due to the poor quality of the photograph, no additional information concerning the Property is discernible. The western adjacent properties still appear to be utilized as farm properties with clusters of small buildings. The adjacent properties to the east and south are still undeveloped and utilized for agricultural purposes.

The 1970 aerial photograph (Figure 9, Appendix A) shows the Property and surrounding properties relatively unchanged from the 1964 aerial photograph; however, it should be noted that the quality of the photograph is relatively poor. Single-family residences and mobile home parks are visible further to the south and east. Increased commercial development is also visible along U.S. Highway 60 to the east.

The 1991 aerial photograph (Figure 10, Appendix A) shows the Property with expansion of the administrative and OMS buildings to include the indoor firing range, AMSA shop, kitchen, and storage area. Numerous pieces of equipment and military vehicles are present in MEP area. The concrete vehicle wash area is also visible between the administrative and OMS/AMSA buildings. U.S. Highway 60 has been expanded to a four-lane divided highway and a frontage road is now present on the north side of the highway. The adjacent property to the east is developed with the Eagle Club and the park. The southern portion of the adjacent property to the west has been developed with two large commercial buildings. The remainder of the western adjacent property appears undeveloped; however, land clearing activities are evident. The western portion of the adjacent property to the south has been developed with a large commercial building. A large grass field is present on the remaining southern adjacent property. Increased commercial development is also visible along U.S. Highway 60 and Western Avenue, including a large retail center to the west of Western Avenue.

With the exception of the expansion of U.S. Highway 60 and the frontage road, the 1995 USGS topographical map (Figure 3, Appendix A) is relatively unchanged from the 1960 USGS topographical map.

With the exception of the presence of the Perkins Restaurant on the northern portion of the adjacent property to the west, the 1999 and 2005 aerial photographs (Figures 11 and 12, respectively, Appendix A) show the Property and surrounding properties relatively unchanged from the 1991 aerial photograph.

No staining or distressed areas were discernible on the Property in the reviewed aerial photographs.

3.3 Past Use, Storage, Disposal, and Release of Hazardous Substances

3.3.1 Past Use and Storage of Hazardous Substances

Information related to the past use and storage of hazardous substances at the Property was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel. Chemicals formerly used and stored at the Property were associated with vehicle and facility maintenance activities, and janitorial services. Janitorial chemicals and building maintenance-related products were stored in the designated storage area within the janitorial closet located in the administration building.

Vehicle maintenance products and quantities up to 55-gallons of petroleum, oil, and lubricant (POL) products were also stored within designated areas within the OMS/AMSA shop building. Batteries have also been stored in the battery storage room since construction of the AMSA shop in 1977. Other potentially hazardous materials and POL products would have been stored in the outdoor hazardous material storage sheds located north and south of the OMS/AMSA building within the MEP area.

In addition, up until 6 ½ years ago, the facility operated a parts washer that used a Stoddard solvent (Photograph 18, Appendix B). This parts washer was maintained and serviced by Safety Kleen. The facility also utilized a self serviced Zep parts washer that also used Stoddard high flash solvent. The facility presently utilizes a hot water jet parts washer that utilizes hot water and detergent (Photograph 19, Appendix B). Oil type staining was observed on the concrete of the hot water jets parts washer. Excess oil contact water would flow into the nearby trench drain and into the OWS.

Certain types of chemical products used and stored at the Property would have contained CERCLA hazardous substances and would have been stored on a rotational basis in amounts necessary to support the unit through direct support level maintenance. However, there is no indication that CERCLA hazardous substances were stored at the Property for 1 year or more in excess of corresponding reportable quantities.

3.3.2 Past Disposal and Release of Hazardous Substances

Information related to past disposal and potential release of hazardous substances at the Property was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel. According to Army Reserve personnel and site records, there is no evidence that hazardous substances above reportable quantities were released or disposed at the Property. No stained soil or stressed vegetation was observed during the August 3, 2006, site reconnaissance. Additionally, the MEP area and POV parking area did not show any signs of staining and no noxious or foul odors were noted during the site reconnaissance.

3.4 Past Presence of Bulk Petroleum Storage Tanks

Based upon a review of available site records, a search of Federal and State environmental databases, and interviews with Army Reserve personnel, it does not appear that any underground storage tanks (USTs) currently or formerly were located at this facility, nor was any evidence of any USTs observed during the site reconnaissance. The facility has operated on natural gas since construction in 1958/59 and there is no record to indicate that the dispensing of vehicular fuels occurred on the property.

Since purchase of the property in 1957, the only tanks associated with Property is the use of ASTs for storage of used oil generated at the AMSA shop. Based on site personnel and the EDR database report (2006), one 500-gallon AST was installed on the Property in approximately 1976. This tank was located on the southwestern side of the AMSA shop. In 1994, this AST was replaced with a 500-gallon used oil CONVAULT® tank, which provides secondary containment. The former tank was removed from the site and there were no reported discharges or leaks from either the present or former ASTs. No evidence of staining or spillage was observed around the AST area at the time of the site reconnaissance.

3.5 Review of Previous Environmental Reports

A review of site records produced several reports pertaining to the Property. The following subsections provide a brief summary of these reports. Copies of the reports, unless otherwise specified, are provided in Appendix D.

3.5.1 1997 Environmental Facility Assessment Report

The Fort Snelling Facility Evaluation Team performed an Environmental Facility Assessment Report in June 1997 for the General Beebe USAR Center. This assessment included an external environmental compliance assessment for the facility. Three environmental findings were reported during the survey. One of the findings indicated that the hoist in the AMSA shop was no longer being used and water was running in and out of the underground pit. The survey team recommended that the hoist be removed. The other two findings were associated with the lack of drip pans in the MEP and ventilation/double-stacking of batteries in the battery storage room in the AMSA (U.S. Army, 1997).

3.5.2 1998 Oil Water Separator (OWS) Engineering Study

Terracon prepared an OWS engineering study report for numerous USAR sites within the state of Minnesota, including the General Beebe USAR Center/AMSA #111. As part of the reporting process, Terracon was responsible for locating and evaluating the condition of each OWS located at USAR facilities throughout Minnesota. The report states that an OWS is located on the Property inside AMSA building (Terracon, 1998).

The engineering study reported that seven trench drains located at the AMSA shop rollup service bay doors and vehicle wash area drain to the OWS. The OWS discharges to the city of Faribault sanitary sewer system lateral located along the east side of the USAR Property. The sewer lateral discharges to the sanitary sewer system along the frontage road to U.S. Highway 60. According to the Director of Public Works with the City of Faribault, a permit is not required to discharge from the OWS to the sanitary sewer system (Terracon, 1998).

As part of the engineering study, the OWS was cleaned and a vacuum truck was used to remove liquid/sludge from the OWS. The OWS and trench drains were reported to be in good condition. The grate and flange of the drain for the vehicle wash area was observed to be broken at the time of the study. The report indicated that the cracked flange would result in runoff water from the wash area potentially infiltrating the soil beneath the catch basin (Terracon, 1998).

3.5.3 1998 Wetland and Endangered Species Survey

A report entitled *United States Army Reserve 88th Regional Support Command Wetland and Endangered Species Surveys for Selected Facilities in Minnesota* was prepared for the 88th RRC (U.S. Army, 1998) in an effort to inventory and manage natural resources found at 88th RRC facilities in Minnesota. The report would also provide a foundation for future natural resource management. The report noted that the General Beebe USAR Center/AMSA #111 did not contain any key natural resources, including wetlands, possible threatened and endangered species, and/or the presence of threatened and endangered species habitat.

3.5.4 2000 Internal Environmental Assessment

The USAR performed an internal environmental assessment in 2000, listing and evaluating areas on the Property where environmental concerns were apparent. Five areas were noted as needing correction at the time of the assessment. None of the deficiencies observed posed an immediate risk to the environmental condition at the Property (U.S. Army, 2000).

3.5.5 2001 Cultural Resources Report

A Section 110 cultural resources survey report for the Property was prepared for the 88th RRC by the Fort McCoy Archaeological Laboratory in 2000. The purpose of the survey and subsequent report was to inventory all properties controlled or leased by the 88th RRC in the State of Minnesota. Historical information, setting and landscape, cultural resources, security, architectural information, and structure descriptions are included for each property. Each site was also assessed for its eligibility to the National Register of Historic Places (NRHP). No facilities at the General Beebe USAR Center/AMSA #111 were eligible for listing on the NRHP (Fort McCoy Archaeological Laboratory, 2001).

3.5.6 2002 Removal of Hydraulic Oil Vehicle Hoist

In December 2002, the hydraulic vehicle hoist, located in the eastern vehicle bay of the AMSA shop, was removed from the Property and the excavation was backfilled and finished with concrete. Upon completion of the removal of the hoist, two soil samples were collected from the sidewall and bottom of the excavation, near the area of the removed hydraulic cylinder. The soil samples were analyzed for total petroleum hydrocarbons (TPH) - diesel range in accordance with United States Environmental Protection Agency (USEPA) Method 8015. Both samples were below the laboratory detection limits (ENCHEM, 2002).

3.5.7 2002 Environmental Survey Report: Asbestos, Polychlorinated Biphenyl (PCB), Lead-Based Paint (LBP), and Radon Survey (revised 2004)

ITI of South Florida, Inc. prepared an Environmental Survey Report in May 2002 (revised August 2004) for the General Beebe USAR Center/AMSA #111. Potential types, quantities,

locations, and conditions of asbestos, PCBs, LBP, and radon were examined in the report. Confirmed asbestos was present in the administrative building. The confirmed asbestos-containing materials (ACM), which were in good condition, consisted of thermal system insulation (TSI) piping and elbows/tees, roof flashing, and floor tile mastic. The majority of the inspected light ballasts contained labels stating "No PCB's" in both buildings; however, one light ballast in the administrative building was presumed to contain PCBs. A pad-mounted transformer, owned by XCEL Energy, was observed on the property and was presumed to contain PCBs. Building products consisting of glazed block and ceramic wall tiles, metal door jambs, and floor striping in the administrative and OMS/AMSA buildings contained LBP. Based on previous radon surveys performed in 1989, 1990, and 2001, radon levels were above USEPA's recommended action level of 4 picoCuries per liter (pCi/L) of air (ITI, 2004).

3.5.8 2002 Indoor Firing Range Cleanup

IT Corporation was retained by the 88th RRC to perform a cleanup of the indoor firing range that was constructed on the Property during the 1977 construction expansion. This indoor firing range was cleaned up in January 2001. The cleanup consisted of removal of the steel bullet traps, and cleaning the floors, ceilings, and range sidewalls. Cleaning was performed by first vacuuming all surfaces using a HEPA vacuum. The walls were washed with a commercial detergent and lead encapsulating paint (lead-free) was applied to the back and side walls of the bullet trap area. Floor cleaning activities consisted of the application of a variety of chemical cleaning solutions followed by rinsing with hot water. All vacuumed materials and decontamination water was containerized for proper disposal. A visual inspection was then performed followed by the collection of clearance dust samples. The clearance dust sampling consisted of collecting single-surface dust wipe samples for lead analysis. All wipe sample results indicate that lead levels are below the 200 micrograms per square foot ($\mu\text{g}/\text{sf}$) clearance standard established for the project. It was noted that although the range has been cleaned to below the project clearance levels, small amounts of lead dust may be present in the range (IT Corporation, 2002).

3.5.9 2004 OWS System Closure Report

In 2002, Jones Technologies was retained by the 88th RRC to clean an OWS, clean trench drains, remove a vehicle wash area associated sediment trap, and close a can wash area at the General Beebe USAR Center/AMSA #111. As shown on Figure 2 in Appendix A, the OWS is located inside the AMSA shop. The existing and still in-service concrete circular OWS is identified at ground surface by a steel circular cover. The OWS was formerly connected to the vehicle wash and can wash areas. The seven trench drains located at the AMSA shop rollup service bay doors still drain to the OWS. The OWS discharges to the city of Faribault sanitary sewer system. As part of the 2002 closure/system cleaning, a vacuum truck was used to remove liquid/sludge from the OWS, trench drains, vehicle wash sediment trap, and can wash drain prior to pressure washing. Following pressure washing, the 800 gallons of liquid/sludge and pressure wash rinseate were transported off-site for disposal as a non-hazardous waste. No liquid/sludge remained in the OWS, OMS trench drains, vehicle wash sediment trap, and can wash drain following the pressure washing. The OWS was recharged and placed back in service. The OMS trench drains were also returned to service (Jones Technologies, 2004).

Vehicle washing occurred on an outdoor vehicle wash area located between the OMS/AMSA building and administrative building. The vehicle wash area consisted of a 26 foot by 36 foot concrete pad. A concrete curb was located around the perimeter of the vehicle wash facility and a "basket type" sediment trap was located in the center of the pad. The circular grated sediment trap was constructed of cast iron and discharged southwest to the OWS located in the AMSA shop (Jones Technologies, 2004).

The concrete pad at time of closure revealed few visible cracks; however, the structural integrity appeared intact. The concrete curb was demolished and approximately 2 feet of concrete around the perimeter of the wash area was saw-cut and removed to facilitate the application of asphalt. Concrete rubble was transported off-site for disposal. The sediment trap and periphery of the vehicle wash area were screened with a PID prior to plugging and paving. No elevated readings were observed. PID headspace analysis of soil samples from the perimeter excavation showed no indication of the release of volatile organic compounds to the environment. The sediment trap drain line was plugged with concrete and the sediment trap abandoned in-place. The excavated area was paved with asphalt (Jones Technologies, 2004).

A can wash area was located on the south side of the administrative building. The can wash area consisted of a 10 foot by 16 foot concrete pad. A concrete curb was located around the perimeter of the can wash pad and a circular grated sediment trap in the center of the pad. The cast iron sediment trap discharged south/southwest to the OWS located in the AMSA shop (Jones Technologies, 2004).

The concrete pad during closure revealed few visible cracks; however, the structural integrity appeared intact. The concrete curb around the can wash was demolished and PID screening of the can wash drain indicated no elevated readings. PID head space analysis of soils from the periphery of the can wash also showed no elevated readings. The can wash drain was plugged with concrete. The can wash area was restored with asphalt (Jones Technologies, 2004).

The closure report recommended a no further action for the site (Jones Technologies, 2004).

4 Adjacent Properties

Adjacent property land uses are significant to the ECP process, as these current or past uses may have an environmental impact on the USAR Center. Adjacent properties were included in the EDR report review for this reason. Typically adjacent properties within ¼ mile of the USAR Center property boundaries are reviewed and visually surveyed. For the purposes of this ECP, the adjacent property reconnaissance was performed from the USAR Center property boundaries and from public access points. Historical aerial photographs and topographic maps are also reviewed for conditions or activities that may have had an environmental impact on the Property.

4.1 Land Uses

Land use north of the USAR Property is municipal right-of-way for the frontage road (Grant Street) of U.S. Highway 60. The frontage road is a two-lane paved road and the highway is a divided four-lane road. A Starbucks coffee shop, auto parts store, and furniture store are located directly north of the USAR Property north of the highway on the frontage road.

The adjacent properties to the east are developed with an Eagles Club and a memorial park.

A Perkins restaurant is located on the northern portion of the adjacent property to the west, at the intersection of Grant Street and Western Avenue. The southern portion of the western adjacent property is developed with two commercial buildings presently occupied by a retail appliance store and furniture warehouse.

The adjacent property to the south is presently occupied by a large commercial building that appears to be used for light manufacturing purposes. According to site personnel, Gray Wolf Manufacturing manufactures cabinets. The majority of the property to the south that is adjoining to the USAR Property consists of a large grass field.

Table 1 summarizes the current adjacent properties and zoning.

TABLE 1
 List of Properties Adjacent to General Beebe USAR Center/AMSA #111, Faribault, Minnesota

Name/Type of Property	Address	Distance and Direction from Property	Zoning	Remarks
Eagles Club	2250 U.S. Hwy 60 Faribault, MN 55021	Adjacent to East	C-3, Community Commercial	
Starbucks	2250 U.S. Hwy 60 Faribault, MN 55021	Approx. 300 ft north	C-3, Community Commercial	
Auto Value/The Cedar Works	2250 U.S. Hwy 60 Faribault, MN 55021	Approx. 300 ft north	C-3, Community Commercial	
Perkins	333 Western Ave Faribault, MN 55021	Adjacent to West	C-3, Community Commercial	
Quality Appliance	219 Western Ave Faribault, MN 55021	Adjacent to West	C-3, Community Commercial	
Faribault Furniture Warehouse	215 Western Ave Faribault, MN 55021	Adjacent to West	C-3, Community Commercial	
Gray Wolf Manufacturing (formerly Ryt-way Packaging)	205 Western Ave Faribault, MN 55021	Adjacent to South	I-1, Light Industrial	Ryt-way Packaging is on UST, LUST, MN LS, and VIC databases
Amoco #2047 (a.k.a. Skluzacek Oil Co)	300 Western Ave Faribault, MN 55021	Approximately 400 feet west	C-3, Community Commercial	Amoco #2047 is on UST and LUST databases,

Notes:

MN LS - 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, 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Cleanup Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP).

VIC - MPCA's Voluntary Investigation and Cleanup Program list.

4.2 Findings

The EDR database search results were reviewed for any evidence that adjacent properties may have past or present environmental issues that would impact the USAR Property.

Ryt-Way Industries (a.k.a. Ryt-Way Packaging), 205 Western Avenue, is listed on the UST, leaking underground storage tank (LUST), MN LS, and VIC databases. This property, located adjacent to the south of the USAR Property, is presently occupied by Gray Wolf Manufacturing. A release and petroleum contamination was reported for the site in 1992. A complete site closure date of January 21, 1994, is listed for the site; however, contaminated

soils are still listed as remaining. Additional information regarding this site and its regulatory status is included in Section 5.2.3.

The regional groundwater flow is to the north, toward the USAR Property, which has not been included in this investigation to date. During the August 3, 2006 site reconnaissance, three groundwater monitoring wells (Photograph 20 in Appendix B) were observed on the southern adjacent property. These wells are located along the south side of the USAR Center's south boundary fence. The details of these monitoring wells were not readily available on the Property or in Army records. However, according to 88th RRC personnel, groundwater contamination from the southern adjacent property extends beneath the USAR Property.

The inactive Amoco #2047 is listed on the UST and LUST databases. This station has been operating with USTs since at least 1974. According to the LUST database, a release was reported for the site in 1988. The Amoco #2047 received site closure from the MPCA on March 30, 1995; however, contaminated soil and offsite contamination is noted to exist. In a letter dated August 16, 1989, the Army denied the request of Amoco to install a monitoring well on the Property to evaluate possible groundwater plume migration from the gas station. No additional information concerning the installation of a well on or near the Property was available in Army files. Additional information regarding this site and its regulatory status is included in Section 5.2.3.

Water well databases at the Federal and State level were reviewed to identify any water supply source near the Property. Forty-three water supply sources were identified within a ¼ to 1-mile radius of the Property with the nearest wells located approximately 1/3 - mile south/southwest of the Property. These wells are located topographically up-gradient of the Property. According to the City of Faribault Water Utility Department, no public supply wells are located within a 1-mile radius of the Property.

Land use at adjacent properties has changed significantly over the years, based on a review of available aerial photographs. With small farms on the property to the west, the property was open fields used for agricultural purposes in 1938. The USAR Center was constructed in 1958 and development to the east along U.S. Highway 60 began in the early 1960s. Original development along U.S. Highway 60 and Western Avenue consisted primarily of commercial businesses. Additional commercial development (along U.S. Highway 60) and the construction of single-family residences further to the south and southeast occurred in the 1970s. Between 1970 and 1991, the adjacent properties were developed with commercial to light industrial businesses along U.S. Highway 60 and Western Avenue.

5 Review of Regulatory Information

An essential component of an ECP is the review of records and databases containing information on the Property and adjacent properties. The review includes reasonably obtainable federal, state, and local government records, and is intended to identify a release or likely release of any hazardous substance or any petroleum product, which is likely to cause or contribute to a release or threatened release of any hazardous substance or any petroleum product to the Property.

The majority of the regulatory information for this ECP was obtained from EDR on August 3, 2006. EDR provides a regulatory database summary that consolidates standard federal, state, local, and tribal environmental record sources based on ASTM recommended minimum search distances from the Property.

All findings reported in Sections 5.1, 5.2, and 5.3 below are from the EDR report unless otherwise noted. A copy of the complete EDR report is included in Appendix E.

5.1 Federal Environmental Records

5.1.1 Federal National Priorities List (NPL) Sites within 1 Mile

USEPA maintains a record of the nations' worst uncontrolled or abandoned hazardous waste sites, known as the National Priorities List (NPL). Sites on the NPL undergo long-term remedial action under CERCLA. The General Beebe USAR Center/AMSA #111 is not an NPL site. One NPL site, Nutting Truck & Caster Company, is located within a 0.5 to 1-mile radius of the Property. This site is located approximately 3,700 feet east/southeast of the Property at 1201 West Division Street.

Nutting Truck & Caster Co. manufactures and distributes casters, wheels, hand trucks, and similar products in Faribault, Minnesota. The company began operation in 1891 and currently occupies 225,000 square feet of space on about eleven acres of land. The processes now in use are: aluminum and iron casting, machining, painting, rubber molding, welding, and woodworking. A waste survey by the State in early 1979 discovered that Nutting discharged some of its liquid and semisolid wastes to a seepage pond adjacent to the manufacturing building. Nutting stopped using the pond in 1979, then pumped it out and disposed of liquid wastes in a municipal sewer. The sludge from the pond was landfarmed on the site during 1980 under a State permit. The pond has been filled with clean soil and paved for parking. Groundwater adjacent to and downgradient from the pond is contaminated with volatile organic compounds, including trichloroethylene (TCE), according to analyses conducted by the State. Five municipal wells in Faribault were found to contain TCE, one beyond safe drinking water limits. A Record of Decision (ROD) was completed in 1987 and a remediation consisting of a pump and treat system was installed at the site. Because response actions are ongoing at the site, a "Five Year Review" was conducted by the Minnesota Pollution Control Agency (MPCA) according to EPA guidelines in 1994, 1998, and again in 2003. The five year review is intended to ensure that

the remedies implemented continue to be protective of public health and the environment. Levels of TCE in the pumpout wells and most monitoring wells are consistently below the site-specific clean-up standard, but remain above the Maximum Contaminant Level (MCL) (EDR, 2006; MDH, 2000).

Based on the distance of this NPL site from the Property and the direction of regional groundwater flow (north and northeast), there is a low potential that contamination from this site would affect the environmental condition of the Property.

5.1.2 Federal Comprehensive Environmental Response, Compensation and Liability Act Information Systems (CERCLIS) Sites within 0.5 Mile

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by state, municipalities, private companies and private persons, pursuant to Section 103 of the Act. CERCLIS contains sites that are either proposed to be or are on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL.

The General Beebe USAR Center/AMSA #111 is not a CERCLIS site and there are no CERCLIS sites located within 0.5 mile of the Property.

5.1.3 Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS) Sites within 1 Mile

RCRA CORRACTS sites represent facilities that have generated or managed hazardous wastes and require corrective action. The General Beebe USAR Center/AMSA #111 is not a CORRACTS site. The Nutting Truck & Caster Company, located approximately 3,700 feet east/southeast of the Property, is listed on the CORRACTS database. A discussion of this site is included in section 5.1.1.

5.1.4 RCRA Treatment, Storage, and/or Disposal Sites within 0.5 Mile

RCRA defines and regulates sites that generate, transport, store, treat and/or dispose (TSD) of hazardous wastes. The RCRA Information System (RCRIS) includes selective information on these sites.

The General Beebe USAR Center/AMSA #111 is not a RCRIS-TSD site and there are no such sites located with 0.5-mile of the Property.

5.1.5 Federal RCRA Small and Large Quantity Generators List within 0.25 Mile

Conditionally exempt small quantity generators are defined as facilities generating less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. RCRA small quantity generators are defined as facilities generating between 100 kg and 1,000 kg of hazardous waste per month. A facility generating more than 1,000 kg of hazardous waste or over 1 kg of acutely hazardous waste per month is defined as a large quantity generator.

The AMSA #111 is listed as a RCRA-registered small quantity generator. No RCRA violations are associated with the facility.

Based on a letter dated June 6, 2003 from the MPCA, the AMSA #111 facility is no longer required to obtain a hazardous waste license for the facility. This determination is based on the type and amount of waste the facility previously generated. Previous wastes reported in 1999 included 30 gallons of parts washer solvent. In 2000, 25 pounds of ignitable waste and 46 pounds of acids/bases were generated (U.S. Army, 2001).

Nine additional RCRA-registered small quantity generators are located within a 0.25-mile radius of the Property. The nearest RCRA-registered small quantity generator is R&R Auto (a.k.a. Auto Value) located north of the Center (across U.S. Highway 60) at 2250 U.S. Highway 60 West. No RCRA violations were noted for this site, or any of the other listed RCRA-registered small quantity generators.

No large quantity generators are located within 0.25-mile of the Center.

5.1.6 Federal Emergency Response Notification System (ERNS) List

The ERNS List maintains information on reported releases of oil and hazardous substances. The General Beebe USAR Center/AMSA #111 is not on this notification list.

5.2 State and Local Environmental Records

Additional information was also obtained from online database searches of MPCA's website. Occasionally state and local agency personnel were interviewed via telephone to answer questions about any database issues

5.2.1 State Lists of Hazardous Waste Sites within 1 Mile

The General Beebe USAR Center/AMSA #111 is not on the state list of hazardous waste sites.

No adjacent properties were listed as having a hazardous waste site; however, one hazardous waste site is listed within a 1-mile radius of the Center. The Nutting Truck & Caster Company, located approximately 3,700 feet east/southeast of the Property, is listed on the MPCA's hazardous waste database. A discussion of this site is included in section 5.1.1.

5.2.2 State-Registered Landfills or Solid Waste Disposal Sites within 0.5 Mile

The General Beebe USAR Center/AMSA #111 does not have a solid waste landfill, incinerator, or transfer station within the Property boundaries.

No adjacent properties within 0.5-mile of the Center have a solid waste landfill, incinerator, or transfer station.

5.2.3 State-Registered LUST Sites within 0.5 Mile

In addition to information obtained from the EDR report, the MPCA maintains a comprehensive database of LUST sites. The General Beebe USAR Center/AMSA #111 is not listed in the State LUST database.

However, within 0.5 -mile of the Center, nine LUST sites in various stages of closure were identified. Table 2 summarizes their information relative to the USAR Center, and provides the status of their corrective action.

According to the MPCA's UST database, Ryt-Way Industries formerly operated five USTs that were used to store fuel oil. The USTs, registered in 1986, consisted of three 1,000-gallon tanks and two 8,000-gallon tanks. The tanks were removed from the site. According to the LUST database, a release and petroleum contamination was reported (Leak ID 218953) for the site on September 23, 1992. A complete site closure date of January 21, 1994, is listed for the site; however, contaminated soils are still listed as remaining.

In 1997 the Ryt-Way Industries site was entered into the VIC program (with end date of 2000). The VIC Program provides technical assistance and administrative or legal assurances for individuals or businesses seeking to investigate or cleanup contaminated property. Property buyers, sellers, developers, bankers, development agencies, local government, and other voluntary parties work with VIC staff to bring contaminated land back into productive use. Groundwater was reported as the contaminated media beneath the site. A No Association Determination, relieving the purchaser from Superfund liability associated with identified contamination on the property, was issued for the VIC applicant in 1997.

Based on area topography and the proximity of the Property to the Cannon River, regional groundwater flow is to the north. During the August 3, 2006 site reconnaissance, three groundwater monitoring wells (Photograph 20 in Appendix B) were observed on the southern adjacent property. These wells are located along the south side of the USAR Center's south boundary fence. The sampling results of these monitoring wells were not readily available on the Property or in Army records. However, according to 88th RRC personnel, groundwater contamination from the southern adjacent property extends beneath the USAR Property. Based on database information indicating the presence of contaminated soil and groundwater associated with the Ryt-Way Industries site, presence of groundwater monitoring wells near the southern property boundary of the Center, and conversations with USAR site personnel, it is likely that the adjacent LUST site has impacted the Property.

The Amoco #2047, located approximately 400 feet west of the Property, is presently inactive. This site most recently operated with three gasoline USTs (capacities of 10,000 and 12,000 gallons) that are still listed as active in the UST database. This station has been operating with USTs since at least 1974. According to the LUST database, a release was reported for the site in 1988. The Amoco #2047 received site closure on March 30, 1995; however, contaminated soils and offsite contamination is noted to exist. In 1989, Delta Environmental Consultants requested to install monitoring wells on the Property to evaluate the migration of contamination from the Amoco #2047 site.

In a letter dated August 16, 1989, the Army denied the request to install a monitoring well on the Property. An alternate location for the proposed well was on the adjacent Perkins restaurant property. No additional information concerning the installation of a well on or near the Property was available in Army files. No evidence indicating the presence of monitoring wells near the western property boundary were observed during the August 3, 2006 site reconnaissance. This gas station site was also observed as closed. Based on available information collected at this time, the potential for groundwater contamination

from the Amoco #2047 site to have affected or to potentially affect the Property is considered high.

TABLE 2
 Leaking Underground Storage Tank Sites
 Near General Beebe USAR Center/AMSA #111, Faribault, Minnesota

Company/Site	Address	Distance and Direction from Property	Regulatory Status	Elevation Relative to Property
Gray Wolf Manufacturing (formerly Ryt-way Packaging)	205 Western Ave Faribault, MN 55021	Adjacent to South	Complete Site Closure: January 21, 1994; however, contaminated soils and groundwater still remain	Higher
Amoco #2047 (a.k.a. Skluzacek Oil Co)	300 Western Ave Faribault, MN 55021	Approximately 400 feet west	Complete Site Closure: March 30, 1995; however, contaminated soils still remain and offsite contamination is present	Higher
Lake Sales	1920 NW 5 th Street Faribault, MN 55021	Approximately 1,186 feet northeast	Active	Lower
Former Murphy Motor Freight	221 19 th Avenue NW Faribault, MN 55021	Approximately 1,195 feet east/southeast	Complete Site Closure: March 2, 2005	Higher
Faribault Tire & Auto	1723 Grant Street Faribault, MN 55021	Approximately 1,962 feet east	Complete Site Closure: August 13, 1991	Higher
Lacanne's Marine	19860 Roberd's Lake Blvd Faribault, MN 55021	Approximately 2,024 feet north/northwest	Active	Lower
River Valley Truck Center	1701 Grant St NW Faribault, MN 55021	Approximately 2,061 feet east	Active	Higher
Crown Cork & Seal Co Inc.	1701 Grant St NW Faribault, MN 55021	Approximately 2,165 feet east/southeast	Complete Site Closure: April 13, 1994	Higher
Former Freeway Gasolina	3040 U.S. Highway 60 West Faribault, MN 55021	Approximately 2,441 feet west/southwest	Complete Site Closure: March 10, 2003	Lower

5.2.4 State-Registered UST Sites within 0.5 Mile

Review of the EDR report and the state of MPCA's UST database, five UST sites were identified within 0.5-mile of the General Beebe USAR Center/AMSA #111. Table 3 lists the sites along with the tank(s) status. The Property itself was not listed in the State UST database.

Ryt-Way Industries (located adjacent to the north) and Amoco #2047 (located approximately 400 feet west) are both listed on the UST database. Information concerning these UST sites is included in Section 5.2.3.

TABLE 3
 Underground Storage Tank Sites
 Near General Beebe USAR Center/AMSA #111, Faribault, Minnesota

Company/Site	Address	Distance and Direction from Property	Tank Status	Closure Status	Elevation Relative to Property
Gray Wolf Manufacturing (formerly Ryt-way Packaging)	205 Western Ave Faribault, MN 55021	Adjacent to South	5 Tanks - removed	Complete Site Closure: January 21, 1994; however, contaminated soils and groundwater still remain	Higher
Skruzacek Oil Co (a.k.a. Amoco #2047)	300 Western Ave Faribault, MN 55021	Approximately 400 feet west	3 Tanks currently listed as active; however, site was inactive during August 3, 2006 site reconnaissance. 6 tanks previously removed.	Complete Site Closure: March 30, 1995; however, contaminated soils still remain and offsite contamination is present	Higher
Faribault Hyvee	1920 Grant St Faribault, MN 55021	Approximately 500 feet north/northeast	4 Tanks-currently active	NA	Equal
Murphy Motor Freight Lines Inc. (a.k.a. Former Grathen Transfer)	221 19 th Ave NW Faribault, MN 55021	Approximately 1,187 feet east/southeast	Two 1,000-gallon Tanks-removed	NA	higher
Former Grathen Transfer	221 19 th Ave NW Faribault, MN 55021	Approximately 1,187 feet east/southeast	Two 2,000-gallon Tanks-abandoned	NA	higher

5.2.5 State Spills Incidents

The General Beebe USAR Center/AMSA #111 is not listed on the Minnesota's state petroleum spill list.

5.2.6 Records of Contaminated Public Wells within 0.5 Mile

The City of Faribault's Water and Sewer Board does not own or operate any municipal water supply wells within 0.5 -mile of the USAR Center.

According to the Mr. Dennis Duchene, the City of Faribault Water Utility Supervisor, no public supply wells are located within a one-mile radius of the Property.

As noted in Section 5.1.1, Nutting Truck & Caster Co. discharged some of its liquid and semisolid wastes to a seepage pond adjacent to the manufacturing building. Groundwater adjacent to and downgradient (north to northeast) from the pond is contaminated with volatile organic compounds, including TCE (EDR, 2006).

The City of Faribault Municipal Well Field is located about one-half mile downgradient from the site. In 1982, the wells were found to contain TCE. Nutting was suspected to have contributed to the contamination identified in the municipal wells; however, was never proven. The TCE concentrations in some of the individual contaminated municipal wells were at times above the MCL and above the health-based HRL. The City of Faribault Municipal Well Field is listed on the Minnesota State Superfund Program. The water from the distribution system was maintained below federal and state health based guidelines by blending water from multiple wells before distribution. No treatment was used to remove the TCE (MDH, 1998; MDH, 2000).

According to the Mr. Dennis Duchene, the municipal well that had the highest concentrations of TCE was taken off line in 2004 and a replacement well was drilled.

5.2.7 Voluntary Remediation Program Sites within 0.5 Mile

The General Beebe USAR Center/AMSA #111 is not listed in Minnesota's VIC or Brownfields programs. Four sites located within 0.5-mile of the USAR Center are listed as being in the Minnesota's VIC program.

As noted in Sections 4.2, 5.2.3, and 5.2.4, on September 23, 1992, Ryt-Way Industries (presently occupied by Gray Wolf Manufacturing), located adjacent to the south of the USAR Center, reported a release of petroleum contamination associated with the former fuel oil USTs. A complete site closure date of January 21, 1994, is listed for the site; however, contaminated soils are still listed as remaining. In 1997, the Ryt-Way Industries site was entered into the VIC program and groundwater was reported as the contaminated media beneath the site. A No Association Determination was issued in 1997 for the VIC applicant.

The regional groundwater flow is to the north, toward the USAR Property, which has not been included in this investigation to date. During the August 3, 2006 site reconnaissance, three groundwater monitoring wells (Photograph 20 in Appendix B) were observed on the southern adjacent property. These wells are located along the south side of the USAR Center's south boundary fence. The details of these monitoring wells were not readily available on the Property or in Army records. However, according to 88th RRC personnel,

groundwater contamination from the southern adjacent property extends beneath the USAR Property. Based on database information indicating the presence of contaminated soil and groundwater associated with the Ryt-Way Industries site, presence of groundwater monitoring wells near the southern property boundary of the Center, and conversations with 88th RRC personnel, it is likely the release from the USTs has impacted the Property.

The remaining VIC program sites are located within a 0.25 to 0.5-mile radius of the USAR Center. As listed in the EDR radius search report (Appendix E), the three remaining VIC program sites include: Aldi's Site, Robert Ellsworth Property, and A&W Restaurant.

5.2.8 State Registered Bulk Fertilizer and Pesticide Storage Facilities within 0.25 Mile

The General Beebe USAR Center/AMSA #111 is not registered with the state as a bulk fertilizer and pesticide storage facility. Additionally, no adjacent properties within 0.25-mile were registered as one of these facilities.

5.3 Unmapped Sites

Some sites within the databases EDR searches have the same zip code as the USAR Center, but no street address. These sites, known as unmapped or orphan sites, cannot be mapped from the EDR results alone. Additional efforts described herein were made to locate these sites and assess their environmental importance to the USAR Center.

Using the mapping utility provided at maps.google.com, the locations of the orphan sites were identified and mapped. Three of the sites, Amoco #2047, Matejcek Implement, and Faribo West Mall, are located within corresponding ASTM search radius distance.

As already discussed above in Sections 5.2.3 and 5.2.4, the Amoco #2047 is located approximately 400 feet west of the Property and is presently inactive. A release was reported for the site in 1988. The station received site closure on March 30, 1995; however, contaminated soils and offsite contamination is noted to exist. In 1989, Delta Environmental Consultants requested to install monitoring wells on the Property to evaluate the migration of contamination from the site. In a letter dated August 16, 1989, the Army denied the request to install a monitoring well on the Property. An alternate location for the proposed well was on the adjacent Perkins restaurant property. No additional information concerning the installation of a well on or near the Property was available in Army files.

No releases or violations have been reported for either the Matejcek Implement or Faribo West Mall sites.

5.4 Summary of Properties Evaluated to Determine Risk to the Property

To summarize Subsections 5.1 through 5.3, three separate properties, near or adjacent to the USAR Center, were evaluated as potential risk properties to the Property. These adjacent properties evaluated were identified as a result of information obtained during area

reconnaissance, interviews, and regulatory database searches, and are summarized below in Table 4.

Based on an evaluation of available site information and details concerning the properties listed in Table 4, two of the facilities evaluated exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at another site.

TABLE 4
 Properties Evaluated for Potential Environmental Risks
 General Beebe USAR Center/AMSA #111, Faribault, Minnesota

Company/Site	Database	Elevation Relative to Property?	Potential Impact on the Property?	Comments
Gray Wolf Manufacturing (formerly Ryt-way Packaging)	UST, LUST, and VIC	Higher	YES	Tanks removed. Complete Site Closure: January 21, 1994; however, contaminated soils and groundwater still remain. Contaminated groundwater reportedly migrated beneath Property.
Amoco #2047	LUST, UST	Higher	YES	Tanks removed. Complete Site Closure: March 30, 1995; however, contaminated soils still remain and offsite contamination is present. In 1989, request to install groundwater monitoring well on west side of Center to evaluate plume migration.
Nutting Truck & Caster Co.	CERCLIS, RCRA-SQG, SHWS, FINDS, NPL, RCRA-TSDF, CORRACTS, ROD, VIC	Equal	No	Based on the distance of this NPL site from the Property and the direction of regional groundwater flow (north and northeast), there is a low potential that contamination from this site would affect the environmental condition of the Property.

6 Site Investigation and Review of Hazards

Findings documented in the following subsections are based on the August 3, 2006 site reconnaissance, a review of available site records, and information obtained from USAR personnel.

6.1 USTs/ASTs

No USTs, either currently or formerly, were located at this facility, nor was any evidence of any USTs observed during the site reconnaissance. The facility has operated on natural gas since construction in 1958/59 and there is no record to indicate that the dispensing of vehicular fuels occurred on the property.

The USAR Center presently operates with one AST located on the southwestern side of the AMSA shop (see Figure 2, Appendix A). This CONVAULT® tank, which provides secondary containment, was installed in 1994 and is registered with the state of Minnesota. The AST has a capacity of approximately 500 gallons and is used to store used oil generated at the AMSA shop. According to the shop supervisor, the contents of this tank are pumped once per year by a local recycler (Edel Oil of Northfield, Minnesota) for recycling. A copy of the 2005 receiving record for 500 gallons of used lubricating oil was available for review. This CONVAULT® AST was a replacement tank for a 500-gallon used oil AST that was formerly used at this location from approximately 1976 to 1994 (EDR, 2006). The former tank was removed from the site and there were no reported discharges or leaks from either the present or former ASTs. No evidence of staining or spillage was observed around the AST at the time of the site reconnaissance.

6.2 Inventory of Chemicals/Hazardous Substances

Records pertaining to hazardous substances were reviewed in addition to interviews and the site reconnaissance to develop the inventory for this Property. Vehicle maintenance products and quantities up to 55-gallons of POL products were also stored within designated areas within the OMS/AMSA shop building. Seven flammable materials storage sheds were observed on the Property. The OMS maintains small quantities (5 gallons or less) of chemicals such as lube/gear oil, brake fluid, transmission oil, and antifreeze in the three mobile/temporary flammable materials storage sheds located between the administrative building and OMS/AMSA buildings (two of the sheds were empty during the site reconnaissance). The AMSA shop maintains three mobile flammable materials storage sheds on the south side of the AMSA shop and one hazardous storage materials room. Materials stored in these storage sheds include lube/gear oil, paint thinner, paint, brake fluid, transmission oil, antifreeze, diesel fuel cans, and used oil filters. Batteries are stored in the battery storage room in the western portion of the AMSA shop.

Current tenants use a licensed commercial company for application of lawn herbicides on the Property. In addition, other than the assumed routine household use of pesticides and

herbicides, no evidence of pesticide/herbicide use (empty containers, dead or stressed vegetation) was observed during the site reconnaissance. The facility maintains a U.S. Army approved self help list of pesticides that may be applied on the Property. There is no evidence that hazardous substances above reportable quantities were stored for one year or more, released, or disposed at the Property.

6.3 Waste Disposal Sites

Available records and interviews did not indicate the practice of onsite waste disposal other than through managed storage and offsite disposal, or through the sewer system (refer to Section 2.5 and Section 3.3.1). No waste disposal sites were observed during the site reconnaissance, nor were any signs of past onsite waste disposal (such as stressed vegetation or suspicious depressions in the landscape) observed.

6.4 Pits, Sumps, Drywells, and Catch Basins

Active OWS, Active Trench Drains, Former Vehicle Wash Area, Former Can Wash Area

An active OWS is located in the AMSA shop that presently collects wash water from the seven trench drains located at the AMSA shop rollup service bay doors. The OWS discharges to the city of Faribault sanitary sewer system lateral located along the east side of the USAR Center. According to the shop supervisor, the OWS is “sticked” twice per year for measurement of sediment and sludge, and cleaned out as necessary.

In 1998, Terracon prepared an engineering study report for the OWS. The report indicated that the OWS collected water from the AMSA trench drains and vehicle wash area (Note: the 1998 study did not include the former can wash area, which also discharged to the OWS). As part of the engineering study, the OWS was cleaned and a vacuum truck was used to remove liquid/sludge from the OWS. The OWS and trench drains were reported to be in good condition. The grate and flange of the drain for the vehicle wash area was observed to be broken at the time of the study. The report indicated that the cracked flange would result in runoff water from the wash area potentially infiltrating the soil beneath the catch basin (Terracon, 1998). As further discussed below, the vehicle wash area was later removed and confirmatory sampling indicated that no volatile organic compounds were present (Jones Technologies, 2004).

In 2002, Jones Technologies was retained to clean the OWS and trench drains. At this time, the vehicle wash area, can wash area, and associated sediment traps were also closed. The concrete circular OWS is identified at ground surface by a steel circular cover. The OWS was previously connected to the vehicle wash and can wash areas. As part of the 2002 closure/system cleaning, a vacuum truck was used to remove liquid/sludge from the OWS, trench drains, vehicle wash sediment trap, and can wash drain prior to pressure washing. Following pressure washing, the 800 gallons of liquid/sludge and pressure wash rinseate were transported off-site for disposal as a non-hazardous waste. No liquid/sludge remained in the OWS, OMS trench drains, vehicle wash sediment trap, and can wash drain following the pressure washing. The OWS was recharged and placed back in service. The OMS trench drains were also returned to service (Jones Technologies, 2004).

Vehicle washing occurred on the outdoor vehicle wash area located between the OMS/AMSA building and administrative building. According to 88th RRC personnel, the vehicle wash area was rarely used. The vehicle wash area consisted of a 26 foot by 36 foot concrete pad with a "basket type" sediment trap in the center of the curbed pad. The concrete pad at time of closure revealed few visible cracks; however, the structural integrity appeared intact. The concrete curb was demolished and approximately 2 feet of concrete around the perimeter of the wash area was saw-cut and removed to facilitate the application of asphalt. The sediment trap and soils from periphery of the vehicle wash area were screened with a PID prior to plugging and paving. No elevated readings were observed indicating no release of volatile organic compounds to the environment. The sediment trap drain line was plugged with concrete and the sediment trap abandoned in-place (Jones Technologies, 2004).

A can wash area was located on the south side of the administrative building. The can wash area consisted of a 10 foot by 16 foot concrete pad. A concrete curb was located around the perimeter of the can wash pad and a circular grated sediment trap in the center of the pad. The concrete pad during closure revealed few visible cracks; however, the structural integrity appeared intact. The concrete curb around the can wash was demolished and PID screening of the can wash drain indicated no elevated readings. PID head space analysis of soils from the periphery of the can wash also showed no elevated readings. The can wash drain was plugged with concrete. The can wash area was restored with asphalt (Jones Technologies, 2004).

Former Hydraulic Vehicle Hoist

During a 1997 environmental inspection, it was noted that the hydraulic operated vehicle hoist in the AMSA shop was no longer being used and water was running in and out of the underground pit. The inspection team recommended that the hoist, located in the eastern service bay in the AMSA shop, be removed (U.S. Army, 1997). In December 2002, the hydraulic vehicle hoist was removed from the Property and the excavation was backfilled and finished with concrete. Upon completion of the removal of the hoist, two soil samples were collected from the sidewall and bottom of the excavation, near the area of the removed hydraulic cylinder. The soil samples were analyzed for TPH - diesel range using USEPA Method 8015. Both samples were below the laboratory detection limits (ENCHEM, 2002). Based on information obtained from site personnel and the August 3, 2006 site reconnaissance, no other hydraulic vehicle hoists were present on the Property.

6.5 ACM

Based on the 2002 *Environmental Survey Report – Asbestos, PCB, Lead Based Paint, and Radon Survey (revised 2004)* for the facility, confirmed asbestos was present in the administrative building (ITI, 2004). The confirmed asbestos, which was in good condition, consisted of TSI piping and elbows/tees, roof flashing, and floor tile mastic. In addition to the 2002 survey, this survey included a review of previous asbestos surveys performed in 1993 and 1996.

Based on IT's review of previous surveys, the roof flashing material was found to contain asbestos. At the time of the 2002 survey, the non-friable material was observed to be in good condition (ITI, 2004). According to the September 7, 1995 Transfer and Acceptance of

Military Real Property, the built-up roof of the buildings were replaced with new modified bitumen roofing (U.S. Army, 1995). Floor tile mastic (black) containing asbestos is located throughout the facility and is presumed to be under all flooring. This material is non-friable and was in good condition at the time of the 2002 survey. TSI located on the piping and elbows/tees in the older section of the administrative building was found to contain asbestos. This friable material is located above the ceiling and exposed in many of the rooms. There are approximately 950 feet of piping and 200 elbows/tees in the administration building. This material was observed to be in good condition at the time of the 2002 survey (ITI, 2004).

Presumed ACM present in the administrative building include other roofing materials, electrical coatings, and fire doors. Presumed ACM present in the OMS/AMSA building include fire doors, electrical wiring, and cloth vibration/expansion joint material on air handler ducts. IT also noted that the roof for the OMS/AMSA building was remodeled in July 2001 with granular surfaced modified bitumen. IT recommended that building documents be reviewed to verify that no ACM were used during construction (ITI, 2004).

At the time of the site reconnaissance, a wooden structure on the east side of the OMS/AMSA shop was observed to contain partially removed asbestos-containing transite siding (Photographs 9 and 10, Appendix B). Based on correspondence with site personnel, the building was in the process of being torn down and the transite siding was being thrown in the on-site dumpster by USAR personnel of the 417th Maintenance Company. None of the personnel involved in the siding removal were licensed as asbestos removal workers or supervisors. Upon detection, the 88th RRC Minnesota State Environmental Manager for the Property ordered the 417th Maintenance Company to halt removal of the siding.

88th RRC personnel contacted and coordinated with the MPCA on this matter and filed a "Notification of Intent to Perform a Demolition" (October 2, 2006) after an asbestos survey was conducted verifying the only asbestos-containing materials were the non-friable siding. The remainder of the siding was removed by unit personnel according to Federal and State regulations. The ACM was taken to the Rice County Landfill, as asbestos-permitted facility, for disposal. A report was submitted to the MPCA. The 88th RRC received an email (October 24, 2006) from the MPCA which closed this matter. A copy of October 24, 2006 email from MPCA is included in Appendix D.

6.6 PCB-containing Equipment

One pad-mounted transformer is located to the east of the exterior east wall of the administration building (see Figure 2 in Appendix A) (see Photograph 21 in Appendix B). A label on the transformer indicated that the unit is owned by XCEL Energy. No labels indicating the presence or absence of PCBs was present on the transformer. During the August 3, 2006 site reconnaissance, the transformer exterior was in good condition and no evidence of releases (e.g., no stains on pad or adjacent soil) was observed.

During the August 3, 2006 site visit, older-style fluorescent light fixtures were observed in the administration and OMS/AMSA buildings. Older fixtures, especially those that are original to the site, could potentially contain PCBs. The *Environmental Survey Report – Asbestos, PCB, Lead Based Paint, and Radon Survey (revised 2004)* states that the majority of the

inspected light ballasts contained labels stating “No PCB’s” in both buildings; however, one light ballast in the administrative building was presumed to contain PCBs. Also, IT noted that a pad-mounted transformer, owned by XCEL Energy, was observed on the property and was presumed to contain PCBs. If any ballasts that are not marked “No PCBs” are encountered and begin to leak or are removed from service, then they should be assumed to fall under the USEPA definition of PCB equipment and must be managed in accordance with applicable local, State, and Federal regulations (ITI, 2004).

6.7 LBP

A LBP survey was completed in 2001 as part of the *Environmental Survey Report – Asbestos, PCB, Lead-Based Paint, and Radon Survey (revised 2004)* (ITI, 2004). The survey concluded that both the administrative and OMS/AMSA buildings on the Property contain LBP. Materials that contain LBP include glazed block and ceramic wall tiles, metal door jambs, and floor striping. Specifically, the following areas tested positive for LBP:

Administration Building

- Rooms 6 and 7, Beige Glazed Block Wall Tiles (Good Condition)
- Room 19 Bathroom, Mauve Ceramic Wall Tiles (Good Condition)
- Room 19 Bathroom, Beige Metal Door Jamb (Good Condition)
- Room 22, Tan Metal Door Jamb (Good Condition)

Maintenance Building

- Room 1, Yellow Stripes on Floor (Fair Condition)
- Room 4, White Metal Door and Door Jamb (Good Condition)
- Room 5, Beige Glazed Block Walls (Good Condition)

The metal ceiling deck and support rafters are painted. This was material was not tested during the 2001 LBP survey due to inaccessibility (ITI, 2004).

Because all of the building structures on the Property were constructed before 1978, they are presumed to contain LBP. At the time of the site reconnaissance, the painted surfaces at this facility were in good condition.

6.8 Radon

A site-specific radon survey was conducted at the General Beebe USAR Center/AMSA #111 as part of the 2002 *Environmental Survey Report – Asbestos, PCB, Lead Based Paint, and Radon Survey (revised 2004)*. Based on previous radon surveys performed in 1989, 1990, and 2001, radon levels were above USEPA’s residential action level of 4 pCi/L. The detected radon levels ranged from 1.7 pCi/L to 4.8 pCi/L. ITI recommended further abatement action of the USAR Center (ITI, 2004). Appendix D provides a copy of the *Environmental Survey Report – Asbestos, PCB, Lead Based Paint, and Radon Survey*. In February 2003, a radon reduction mitigation system was installed in the administrative building by Quality Radon Services (Photograph 22, Appendix B).

In addition, the USEPA Map of Radon Zones for Rice County, Minnesota confirms that the county lies within the high priority zone, Zone 1, which has a predicted average indoor screening level greater than 4 pCi/L, USEPA's recommended maximum allowable exposure level.

The EDR report provides radon test results for the 55021 zip code area. The results concluded that the basements in the area had an average radon activity level of 9.060 pCi/L, while first floor living areas had an average level of 2.400 pCi/L.

6.9 Munitions and Explosives of Concern (MEC)

Based on a review of available records, the site reconnaissance, and interviews with USAR Center personnel, there are no indications that MEC is or was present at the Property. A minimum number of 5.56 millimeter (mm) rounds is required to be stored in the arms vault.

During the 1977 construction expansion, an indoor firing range was constructed onto the administration building. This indoor firing range was cleaned up in January 2001. The cleanup consisted of removal of the steel bullet traps, and cleaning the floors, ceilings, and range sidewalls. Cleaning was performed by first vacuuming all surfaces using a HEPA vacuum. The walls were washed with a commercial detergent and encapsulating paint (lead-free) was applied to the back and side walls of the bullet trap area. Floor cleaning activities consisted of the application of a variety of chemical cleaning solutions followed by rinsing with hot water. All vacuumed materials and decontamination water was containerized for proper disposal. A visual inspection was then performed followed by the collection of clearance dust samples. The clearance dust sampling consisted of collecting single-surface dust wipe samples for lead analysis. All wipe sample results indicate that lead levels are below the 200 µg/sf clearance standard established for the project. It was noted that although the range has been cleaned to below the project clearance levels, small amounts of lead dust may be present in the range (IT Corporation, 2002).

At the time of the site reconnaissance, the firing range at the USAR Center was being used for storage and a fitness room.

6.10 Radioactive Materials

Based on a review of available records, the site reconnaissance, and interviews with USAR Center personnel, radioactive materials were present in equipment sometimes stored on the Property, including testing and calibration equipment. A radiological survey was not available for review for the property. There is no evidence of a release of radiological materials at this Property.

7 Review of Special Resources

7.1 Land Use

The City of Faribault's Planning and Zoning Department has designated this Property and surrounding properties as C-3 – Community Commercial. The site is located in a mixed-used area that combines commercial, industrial, and residential land uses.

7.2 Coastal Zone Management

The Minnesota Department of Natural Resources (MDNR) is the lead agency for Minnesota's Lake Superior Coastal Program. This Property is not included in the coastal zone management plan, nor is it in a coastal zone.

7.3 Wetlands

A report entitled *United States Army Reserve 88th Regional Support Command Wetland and Endangered Species Surveys for Selected Facilities in Minnesota* was prepared for the 88th RRC in an effort to inventory and manage natural resources found at 88th RRC facilities in Minnesota. The report findings indicated that the General Beebe USAR Center/AMSA #111 did not contain any key natural resources, including wetlands, possible threatened and endangered species, and/or the presence of threatened and endangered species habitat (U.S. Army, 1998).

Additionally, during this study a review of the United States Fish and Wildlife Service (USFWS) National Wetlands Inventory map was performed. No jurisdictional wetland areas are identified on the Property or on adjacent properties. The nearest wetland is located approximately 750 feet northwest of the Property and is associated with the Cannon River basin (EDR, 2006; Appendix E).

According to information acquired from the STATSGO for Rice County, specific types of soil at the Property are from the Estherville Series. The Estherville Series is listed as a moderate to well drained soil with high hydraulic conductivity and low water holding capacity. The soils beneath the Property do not meet the requirements of a hydric soil (i.e., wetland indicator soils).

7.4 100-year Flood Plain

A review of the FEMA digital Flood Hazard Area map indicates that the Property lies outside the 100-year floodplain (EDR, 2006; Appendix E).

7.5 Natural Resources

A report entitled *United States Army Reserve 88th Regional Support Command Wetland and Endangered Species Surveys for Selected Facilities in Minnesota* was prepared for the 88th RRC in an effort to inventory and manage natural resources found at 88th RRC facilities in Minnesota. The report findings indicated that the General Beebe USAR Center/AMSA #111 did not contain any key natural resources, including wetlands, possible threatened and endangered species, and/or the presence of threatened and endangered species habitat (U.S. Army, 1998).

Additionally, based on the August 3, 2006 site reconnaissance, developed nature of the area, the length of time this area has been developed, and the small-acreage involved, it is unlikely any threatened or endangered plant or animal species, or any habitat critical to their survival, would occur at this location.

7.6 Cultural Resources

A Section 110 cultural resources survey report for the Property was prepared for the 88th RRC by the Fort McCoy Archaeological Laboratory in 2000. The purpose of the survey and subsequent report was to inventory all properties controlled or leased by the 88th RRC in the State of Minnesota. Historical information, setting and landscape, cultural resources, security, architectural information, and structure descriptions are included for each property. Each site was also assessed for its eligibility to the NRHP. Overall, neither of the buildings at the Property were found to meet the criteria for inclusion in the NRHP. Appendix D provides a copy of the Section 110 survey report.

7.7 Other Special Resources

Six designated Wild and Scenic Rivers (WSRs) occur within the state of Minnesota. The closest WSR is the Cannon River located approximately 0.5-mile north from the Property. Based on the location of the WSRs and historical activities conducted at the USAR Center, no activities conducted at the site would adversely impact any of the designated WSRs.

8 Conclusions

The following information was obtained after conducting an environmental record search including records for adjacent properties, reviewing available historical information, conducting interviews with knowledgeable parties connected with the Property or with state and local agencies, and conducting a reconnaissance of the Property and adjacent properties.

8.1 Review of Findings

Hazardous Substances. CERCLA hazardous substances were used and stored at the Property in amounts necessary to support unit-level vehicle and building maintenance activities. However, available information indicates that the quantities stored would not have exceeded corresponding CERCLA reportable quantities. There is no evidence that hazardous substances above reportable quantities were released or disposed at the Property.

USTs/ASTs. No USTs, either currently or formerly, were located on the Property, nor was any evidence of any USTs observed during the site reconnaissance. The facility has operated on natural gas since construction in 1958/59 and there is no record to indicate that the dispensing of vehicular fuels occurred on the property.

The USAR Center presently operates with one 500-gallon AST located on the southwestern side of the AMSA shop. This registered tank was installed in 1994 and is used to store used oil generated at the AMSA shop. This CONVAULT® AST, which provides secondary containment, was a replacement tank for a 500-gallon used oil AST that was formerly used at this location from approximately 1976 to 1994 (EDR, 2006). The former tank was removed from the site and there were no reported discharges or leaks from either the present or former ASTs. No evidence of staining or spillage was observed around the AST at the time of the site reconnaissance.

Non-UST/AST Petroleum Storage. Petroleum storage in excess of 55 gallons other than the AST used for the storage of used oil (non-virgin petroleum) was not observed on the Property. POL products stored on the property include motor oil, lube oils, grease, diesel, and gasoline. All products were stored in individual containers, equal or less than 55-gallons each.

PCBs. One pad-mounted transformer is located on the Property. A label on the transformer indicated that the unit is owned by XCEL Energy. No labels indicating the presence or absence of PCBs was present on the transformer therefore, the transformer may potentially contain PCBs. The transformer exterior was in good condition at the time of the site reconnaissance, and no evidence of releases (e.g., no stains on pad or adjacent soil) was observed.

A survey of potential PCB-containing light ballasts (ITI, 2004) indicated that the majority of the inspected light ballasts contained labels stating "No PCB's" in both buildings; however, one light ballast in the administrative building was presumed to contain PCBs.

ACM. A 2002 survey evaluation of ACM at this facility (ITI, 2004) found that confirmed ACM was present in the administrative building. The ACM, which was in good condition, consisted of TSI piping and elbows/tees, roof flashing, and floor tile mastic. Presumed ACM present in the administrative building include other roofing materials, electrical coatings, and fire doors. Presumed ACM present in the OMS/AMSA building include fire doors, electrical wiring, and cloth vibration/expansion joint material on air handler ducts. IT also noted that the roof for the OMS/AMSA building was remodeled in July 2001 with granular surfaced modified bitumen. IT recommended that building documents be reviewed to verify that no ACM were used during construction.

At the time of the site reconnaissance, a wooden structure on the east side of the OMS/AMSA shop was observed to contain partially removed asbestos-containing transite siding. Based on correspondence with site personnel, the building was in the process of being torn down and the transite siding was being thrown in the on-site dumpster by USAR personnel of the 417th Maintenance Company. None of the personnel involved in the siding removal were licensed as asbestos removal workers or supervisors. Upon detection, the 88th RRC Minnesota State Environmental Manager for the Property ordered the 417th Maintenance Company to halt removal of the siding.

88th RRC personnel contacted and coordinated with the MPCA on this matter and filed a "Notification of Intent to Perform a Demolition" (October 2, 2006) after an asbestos survey was conducted verifying the only asbestos-containing materials were the non-friable siding. The remainder of the siding was removed by unit personnel according to Federal and State regulations. The ACM was taken to the Rice County Landfill, as asbestos-permitted facility, for disposal. A report was submitted to the MPCA. The 88th RRC received an email (October 24, 2006) from the MPCA which closed this matter.

LBP. The 2001 LBP survey (ITI, 2004) indicated that both the administrative and OMS/AMSA buildings on the Property contain LBP. According to the survey, materials located in the administrative and OMS/AMSA buildings that contain LBP include glazed block and ceramic wall tiles, metal door jambs, and floor striping. Due to inaccessibility, the painted metal ceiling deck and support rafters were not tested during the 2001 LBP survey (ITI, 2004).

Radiological Materials. Based on available records review, interviews and a site reconnaissance, radioactive materials are present in equipment sometimes stored on the Property, including testing and calibration equipment. There is no evidence of a release of radiological materials at this Property.

Radon. According to the 2002 radon survey (ITI, 2004), radon samples were previously collected in 1989, 1990, and 2001. The sampling results indicated that radon levels were above USEPA's recommended action level of 4 pCi/L. In February 2003, a radon reduction mitigation system was installed in the administrative building.

Munitions and Explosives of Concern. A minimum number of 5.56 mm rounds is required to be stored in the arms vault. Available records do not indicate any MEC are currently or were formerly located at this Property.

During the 1977 expansion, an indoor firing range was constructed onto the administration building. This indoor firing range was cleaned up in January 2001 to below the project

clearance levels (IT Corporation, 2002). Use of the firing range ceased after cleanup activities and at the time of the site visit, the firing range at the USAR Center was being used for storage and a fitness room.

Surrounding Properties. Potential environmental sites of concern, located within the ASTM D6008 recommended minimum search distances (included in Section 5) from the Property, were evaluated through database review and site reconnaissance. Two of the adjacent and nearby properties evaluated exhibited environmental conditions that had or have the potential to adversely affect environmental conditions at the Property.

Ryt-Way Industries, located adjacent to the south of the USAR Property, received a complete site closure on January 21, 1994; however, contaminated soils are still listed as remaining. In 1997 the site entered into the VIC program and groundwater was reported as the contaminated media beneath the site. A No Association Determination was issued for the VIC applicant in 1997. Based on database information indicating the presence of contaminated soil and groundwater beneath the Ryt-Way Industries site, presence of groundwater monitoring wells near the southern property boundary of the Center, northerly direction of groundwater flow for the area, and conversations with USAR site personnel, it is likely that the adjacent LUST site has impacted the Property.

An inactive LUST gas station, Amoco #2047, is located approximately 400 feet west of the Property. In a letter dated August 16, 1989, the Army denied the request of Amoco to install a monitoring well on the Property to evaluate groundwater plume migration from the gas station. No additional information concerning the installation of a well on or near the Property was available in Army files. According to the LUST database, the Amoco #2047 received site closure on March 30, 1995; however, contaminated soils and offsite contamination is noted to exist. Based on available information collected at this time, the potential for groundwater contamination from the Amoco #2047 site to have affected or to potentially affect the Property is considered high.

Wetlands and Flood Plain. Based on a 1998 report documenting the results of a wetland and endangered species survey for the Property, a review of the 1988 USFWS National Wetlands maps, and visual observations, no wetlands were observed or appear to be associated with any of the facilities at this site, or with any adjacent properties.

The Property is not located within a 100-year flood plain or within a coastal zone.

Threatened and Endangered Species. Based on a 1998 report documenting the results of a wetland and endangered species survey, the Property did not contain any key natural resources, including possible threatened and endangered species, and/or the presence of threatened and endangered species habitat.

Archaeological and Historical Resources. A Section 110 cultural resources survey report for the Property was prepared in 2000. Neither of the buildings at the Property were found to meet the criteria for inclusion in the NRHP.

8.2 Environmental Condition of Property

Findings of this ECP report were based on readily available environmental information, interviews with site and state and local personnel, review of previous environmental studies

and federal and state database and file information related to the storage, release, treatment or disposal of hazardous substances or petroleum products. Results were also based on visual observations of the Property and adjacent properties.

In accordance with the Deputy Under Secretary of Defense Memorandum, *Clarification of "Uncontaminated" Environmental Condition of Property at Base Realignment and Closure (BRAC) Installations*, dated October 21, 1996, the Property has been classified into one of seven property types. Based on the results of this ECP study, the property has been assigned an overall DoD Environmental Condition Type 2.

The property type is based on the following major finding:

- Soil and groundwater petroleum contamination currently is documented on two adjacent properties. While there is no visual evidence of this contamination from the ground surface on the Property, this contamination may have affected the Property below the ground surface.

9 References

Persons Contacted

- Mr. Steve Bragg, 88th Regional Readiness Command, Minnesota State Environmental Manager, (612) 290-0940, August 3, 2006
- Mr. Chris Trebelhorn, General Beebe USAR Center/AMSA #111, Shop Supervisor, (507) 334-7153, August 3, 2006
- Sergeant Justin Strehlo, General Beebe USAR Center/AMSA #111, Facility Manager, (507) 334-9225, August 3, 2006
- Mr. Dennis Duchene, City of Faribault Utilities Department, Water Utility Supervisor, (507) 339-3106. August 24, 2006

Resources Consulted

- Aerial Photographs provided by EDR dated 1938, 1940, 1951, 1964, 1970, and
- Aerial Photographs provided by City of Faribault Planning and Zoning dated 1999 and 2005.
- City of Faribault Utilities Department, Faribault, Minnesota
- Minnesota's Wild and Scenic Rivers, http://www.dnr.state.mn.us/waters/watermgmt_section/wild_scenic/wsrivers/rivers.html
- USEPA Map of Radon Zones, <http://www.epa.gov/radon/zonemap.html>
- Minnesota's Lake Superior Coastal Program, <http://www.dnr.state.mn.us/waters/lakesuperior/index.html>
- FEMA Flood Hazard Insurance Map, <http://msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView>
- Federal Regulatory Databases (See EDR Report for a complete list)
 - National Priorities List (NPL), April 19, 2006
 - Proposed NPL Sites, April 19, 2006
 - Delisted NPL Sites, April 19, 200
 - NPL Recovery Sites, October 15, 1991
 - CERCLIS, February 1, 2006
 - CERCLIS-NFRAP, February 1, 2006
 - CORRACTS, March 15, 2006
 - RCRA, March 9, 2006
 - ERNS, December 31, 2005
 - HMIRS, December 31, 2005

- U.S. Engineering Controls Sites List, March 21, 2006
 - U.S. Institutional Controls, March 21, 2006
 - DOD, December 31, 2004
 - FUDS, December 5, 2005
 - U.S. Brownsfields, April 26, 2006
 - CONSENT (Superfund Consent Decrees), December 14, 2004
 - Records of Decision (ROD), April 13, 2006
 - Uranium Mill tailings Sites, November 4, 2005
 - Open Dump Inventory, June 30, 1985
 - Toxic Chemical Release Inventory System (TRIS), December 31, 2003
 - Toxic Substances Control Act (TSCA), December 31, 2002
 - Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)/ TSCA, March 29, 2006
 - FIFRA/TSCA Tracking System, March 31, 2006
 - Section 7 Tracking Systems, December 31, 2004
 - Integrated Compliance Information system, February 13, 2006
 - PCB Activity Database System, December 27, 2005
 - Material Licensing Tracking system, April 12, 2006
 - Mines Master Index File, February 9, 2006
 - Facility Index System/Facility Registry system (FINDS), April 27, 2006
- State and Local Regulatory Databases (See EDR Report for complete list)
 - LUST, March 1, 2006
 - UST, March 1, 2006
 - Permitted Solid Waste Disposal Facilities, March 1, 2006
 - Minnesota Brownfields Inventory, September 1, 2005
 - VIC, April 4, 2006
 - Registered Drycleaning Facilities, May 23, 2006
 - Spills Database, March 1, 2006

Agencies Contacted

- City of Faribault, Zoning Department, Minnesota
- City of Faribault, Water Utility Department, Minnesota
- National Resource Conservation Service (NRCS), Faribault Service Center, Minnesota

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Jones Technologies, 2004. OWS System Closure Report, General Beebe USARC/AMSA #111 (G) (MN014), Faribault, Minnesota. February.

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U.S. Army, 2000. Internal Environmental Assessment of the General Beebe Memorial United States Army Reserve Center (USARC) Facility Identification Number: MN014. September 22.

U.S. Army, 2001. MPCA Hazardous Waste License Application for the AMSA #111 facility.

U.S. Army Corps of Engineers, 2001. Cross Connection/Backflow Prevention Program for The 88th Regional Support Command Facilities in Minnesota. Louisville District. May 31.

Appendix A
Figures

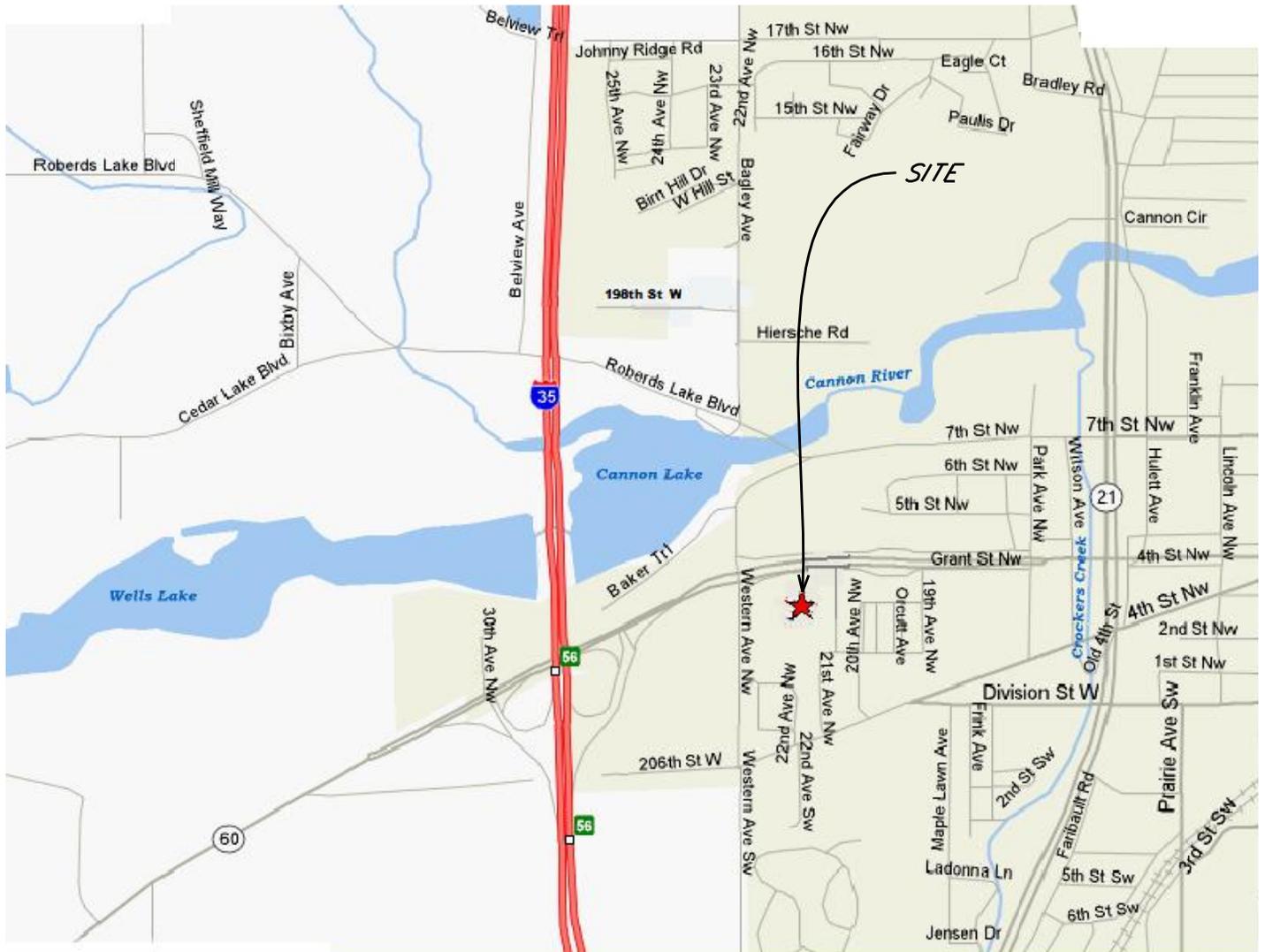
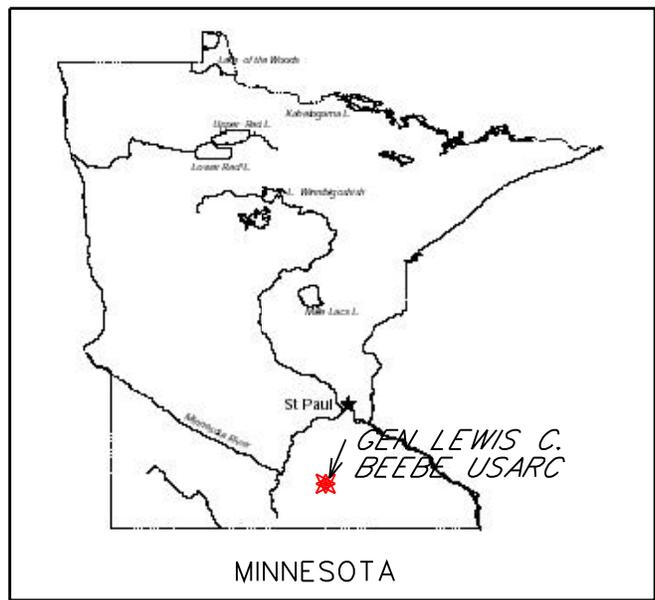
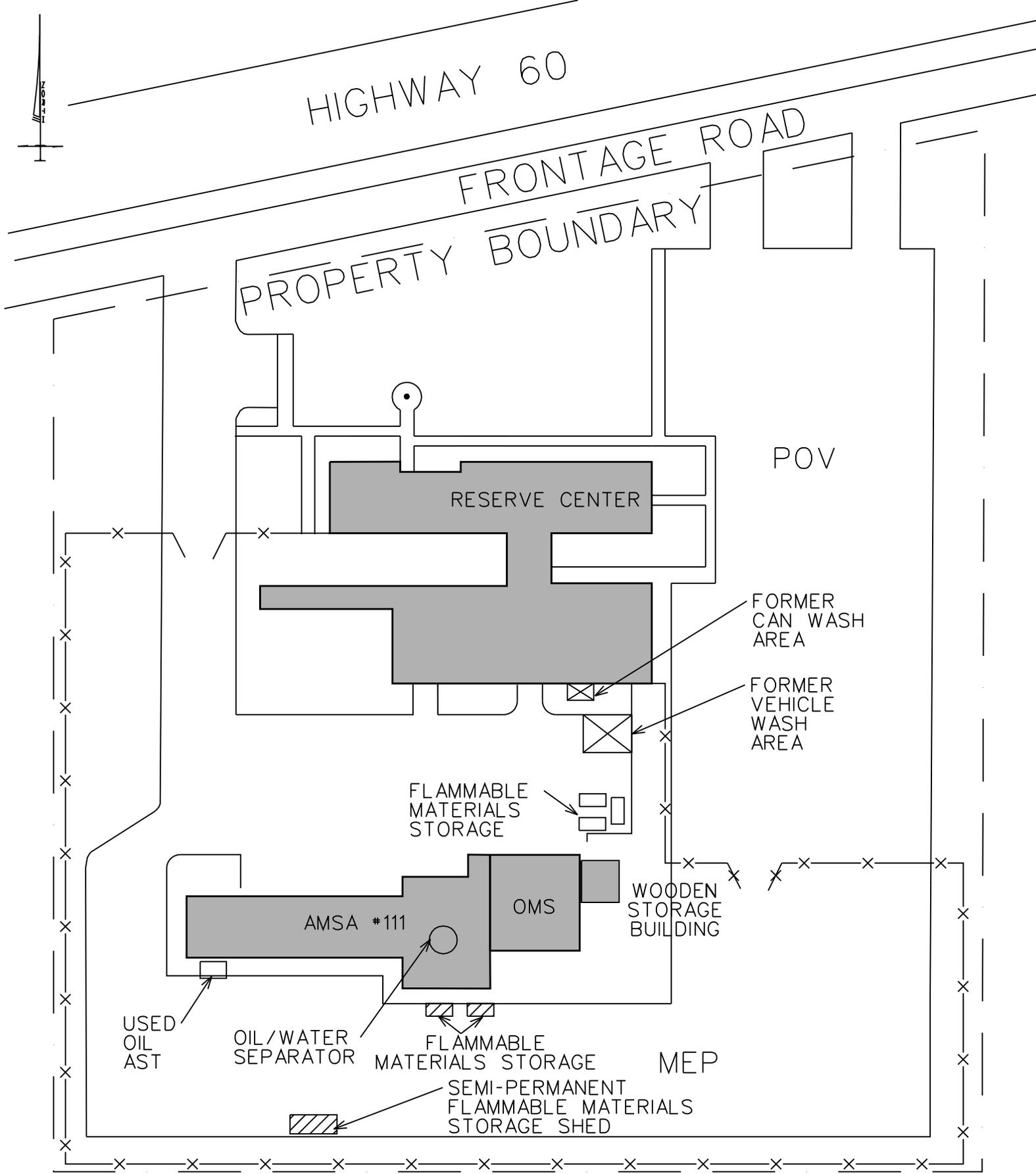


FIGURE 1
 GENERAL SITE LOCATION MAP
 GENERAL BEEBE USARC
 FARIBAULT, MINNESOTA



Not to Scale

FIGURE 2

General Beebe USAR Center
 AMSA #111 ECP Report
 Faribault, Minnesota

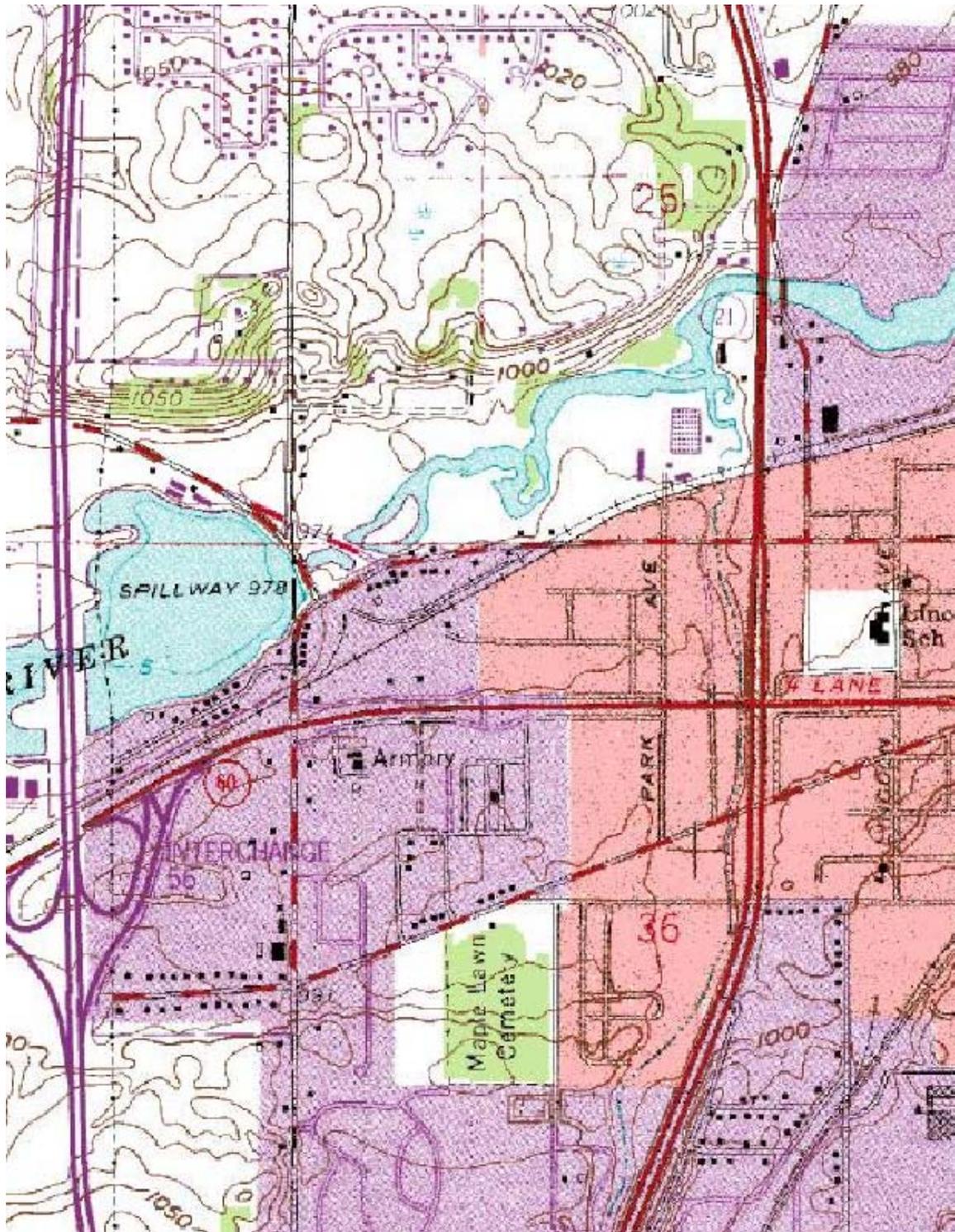


FIGURE 3

1995 USGS 7.5 Minute, Topographic Map, Faribault, Minnesota
General Beebe USAR Center ECP Report
Faribault, Minnesota

— = 1300'

Source: Terra Server





FIGURE 4
1938 Aerial Photograph
General Beebe USAR Center ECP Report
Faribault, Minnesota



FIGURE 5
1940 Aerial Photograph
General Beebe USAR Center ECP Report
Faribault, Minnesota



FIGURE 6

1951 Aerial Photograph
General Beebe USAR Center ECP Report
Faribault, Minnesota

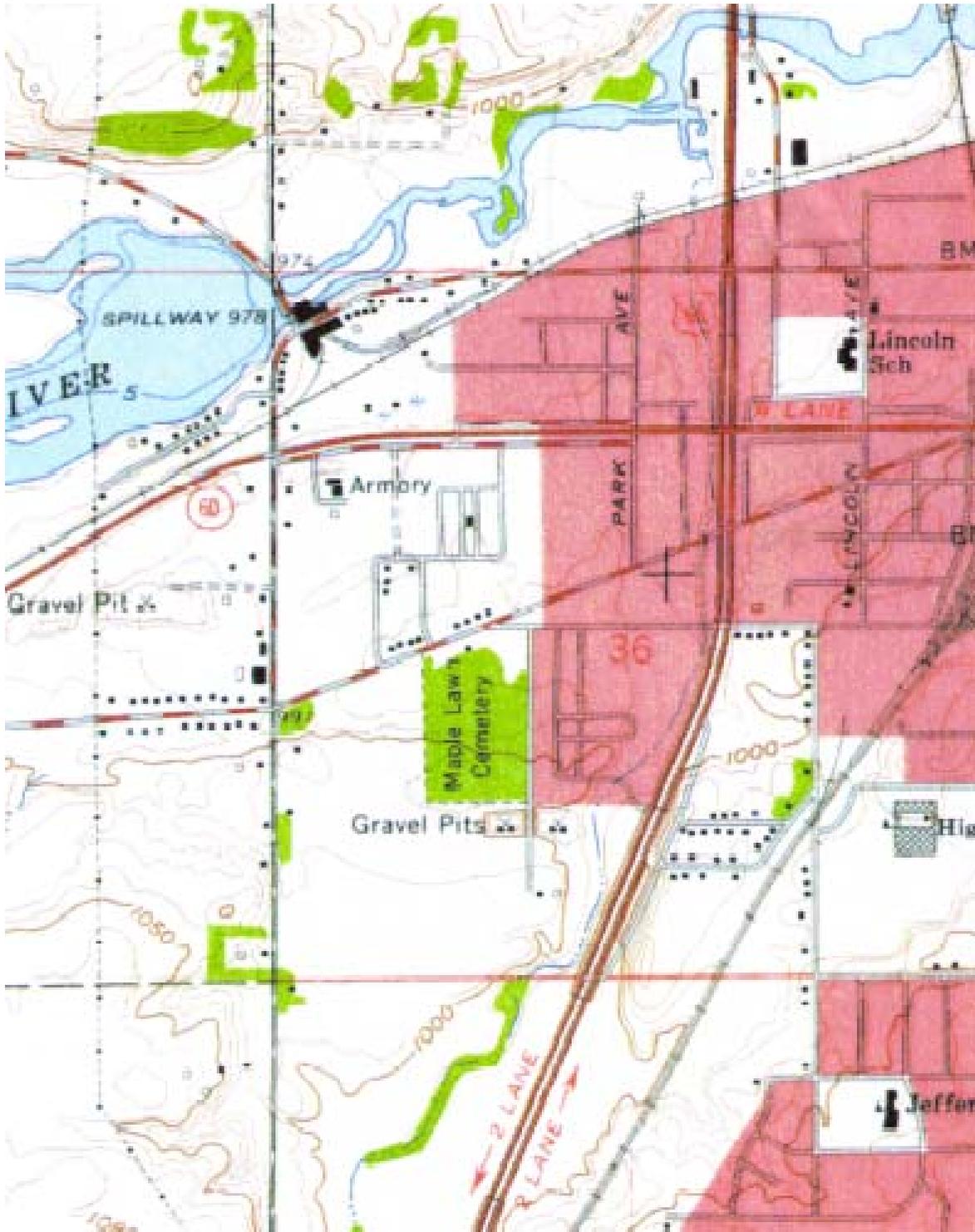


FIGURE 7
1960 USGS 7.5 Minute, Topographic Map, Faribault, Minnesota
General Beebe USAR Center ECP Report
Faribault, Minnesota

— = 1100'

Source: EDR





FIGURE 8

1964 Aerial Photograph
General Beebe USAR Center ECP Report
Faribault, Minnesota



FIGURE 9
1970 Aerial Photograph
General Beebe USAR Center ECP Report
Faribault, Minnesota



FIGURE 10

1991 Aerial Photograph
General Beebe USAR Center ECP Report
Faribault, Minnesota

↑ N



FIGURE 11

1999 Aerial Photograph
General Beebe USAR Center ECP Report
Faribault, Minnesota

— = 165'
Source: City of Faribault



FIGURE 12

2005 Aerial Photograph
General Beebe USAR Center ECP Report
Faribault, Minnesota

— = 175'
Source: City of Faribault



Appendix B
Site Reconnaissance
Photographs

APPENDIX B

Site Reconnaissance Photographs



1. View to the south/southwest of the administration building.



2. View to the north/northeast AMSA Shop (AST on south side of building).



3. View to west of MEP area.



4. Grease trap in kitchen.



5. Oil/Water separator in OMS/AMSA building.



6. View to south of the semi-permanent storage buildings along the south end of the MEP area.



7. View to east of the OMS flammable storage sheds located between the OMS/AMSA and administration buildings.



8. View to the north of the flammable storage sheds to the south the OMS/AMSA building.



9. View to the south/southwest of the wooden storage shed to the west of the OMS/AMSA building.



10. View to the south of the wooden storage shed to the west of the OMS/AMSA building.



11. View to northeast of the former wash rack area (beneath CONEX containers).



12. View to northwest of the former can wash area (beneath dumpster).



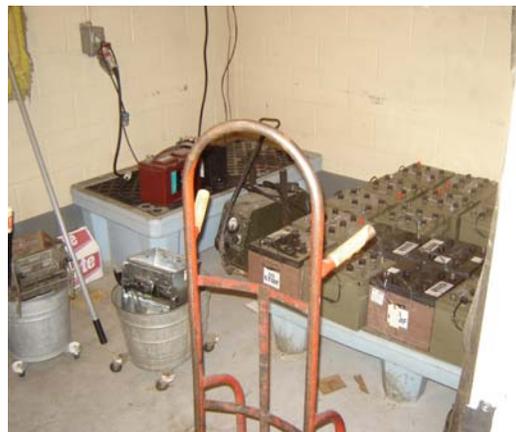
13. View to west of the former indoor firing range (cleaned in 2001). Presently used for fitness area and storage.



14. Former location of hydraulic vehicle hoist in OMS/AMSA building.



15. POL/flammable storage room in OMS/AMSA building.



16. Battery storage room in OMS/AMSA building.



17. View to east of 500-gallon AST along south side of AMSA shop.



18. Tools and equipment (includes oil filter press, Stoddard solvent parts cleaner) in the western end of the OMS/AMSA building.



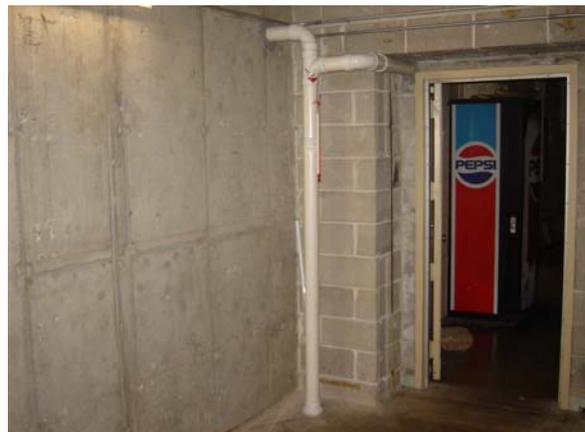
19. Hot water/detergent parts cleaner in OMS/AMSA building.



20. View to south of one of three monitoring wells located on the adjacent property to the south of the USAR Center.



21. View to east of pad-mounted electrical transformer to the east of the administrative building.



22. Portion of radon mitigation system in former firing range.

Appendix C
**Property Acquisition Documents
and Chain of Title Report**



2055 East Rio Salado Parkway, Suite 201
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HISTORICAL CHAIN OF TITLE REPORT

**GEN BEEBE USARC/AMSA 111, MN
2118 HIGHWAY 60
FARIBAULT, MINNESOTA**

Submitted to:

**ENVIRONMENTAL DATA RESOURCES, INC.
C/O
CH2M HILL
1569 Stampmill Way
Lawrenceville, Georgia 30043
(770) 338-1589**

Attention: Mary Jacques

Project No. N06-5555

Saturday, September 09, 2006

NETR- Real Estate Research & Information hereby submits the following ASTM historical chain-of-title to the land described below, subject to the leases/miscellaneous shown in Section 2. Title to the estate or interest covered by this report appears to be vested in:

UNITED STATES OF AMERICA

The following is the current property legal description:

Being that parcel or tract of land, situated and lying in the Southwest $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of Section 36, Township 110 North, Range 21 West, 5th Principal Meridian, Rice County, State of Minnesota

Assessor's Parcel No: 18-36-2-50-006

1. HISTORICAL CHAIN OF TITLE

1. WARRANTY DEED:

RECORDED: 05-01-1936
GRANTOR: F. L. Carll, etux, et al
GRANTEE: William John Driessen & Luella Leona Driessen,
husband & wife
INSTRUMENT: Bk 132, Pg 533

2. WARRANTY DEED:

RECORDED: 05-22-1957
GRANTOR: William John Driessen & Luella Leona Driessen,
husband & wife
GRANTEE: United States of America
INSTRUMENT: Bk 195, Pg 231

2. LEASES AND MISCELLANEOUS

1. No environmental liens, institutional controls or engineering controls were found of record.

3. LIMITATION

This report was prepared for the use of Environmental Data Resources, Inc., and CH2M Hill, exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. NETR- Real Estate Research & Information does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

Appendix D
**Previous Environmental
Site Assessment Reports**

TABLE 1-1
SUMMARY OF FINDINGS

INSTALLATION: GEN BEEBE USARC
FFID: MN-2104MN014

Fiscal Year: 1997

SECTION NO. TITLE	REGULATORY			MANAGEMENT			TOTAL
	I	II	HS	POS	III	HS	
A Air Emissions	0	0	0	0	0	1	1
C Cultural Resources	0	0	0	0	0	0	0
HM Hazardous Materials	0	0	0	0	0	0	0
HW Hazardous Waste	0	0	0	0	0	0	0
NR Natural Resource	0	0	0	0	0	0	0
O1 Environmental Impacts	0	0	0	0	0	0	0
O2 Environmental Noise	0	0	0	0	0	0	0
O3 IRP	0	0	0	0	0	0	0
O4 Pollution Prevention	0	0	0	0	0	0	0
O5 Program Management	0	0	0	0	0	0	0
PM Pesticide	0	0	0	0	0	0	0
PO POL	0	0	0	0	0	0	0
SO Solid Waste	0	0	0	0	0	0	0
ST Storage Tanks	0	0	0	0	0	0	0
T1 PCB	0	1	0	0	1	0	2
T2 Asbestos	1	0	0	0	0	0	1
T3 Radon	0	0	0	0	0	0	0
T4 Lead Based Paint	0	0	0	0	0	0	0
WA Wastewater	0	0	0	0	1	0	1
WQ Water Quality	0	0	0	0	0	0	0
TOTALS	1	1	0	0	2	1	5

Data File Name Prefix: C:\ECAS\MN014
Date Summary Report Produced: 11/20/97

MN014 FAZIBART
Completed: 6/3/97
Received: 11/19/97

FY97

A.4.1.R #1 HS GMP FINDING

Air Emissions

FINDING ID: 4

MANUAL QUESTION NUMBER: A-004-001-R

FINDING CATEGORY: HEALTH/SAFETY

FINDING TYPE: Negative

EXISTING NOV: NO

LOCATION: FIRING RANGE

IFS FACILITY NUMBER:

FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: the firing range is being used as storage, the ventalation system is not working properly, there may still be lead in the air. upon looking in the duct on the roof there is a silverly powder I beleave to be lead. due to the weight of steel plates I could look behind them.

CRITERIA: Lead exposure for personnel should be within specific limits (MP).

FINDING COMMENTS:

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): FIX THE VENTALATION , PUT IN SCUTTLE HATCH , OR COMPLETELY ABATE THE AREA

STATUS OF CORRECTION:

***** INSTALLATION'S RESPONSE: *****

1) CORRECTIVE ACTION (CA) SELECTED: _____

2) CURRENT STATUS OF THE CA: _____

3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y__ N__

EXPLAIN: _____

4) ESTIMATED COMPLETION DATE FOR CA: _____

5) REVIEWER'S REMARKS: _____

NAME/OFFICE/PHONE: _____ DATE: _____

T1.1.4.R #1 II FEDERAL FINDING

PCB

FINDING ID: 3

MANUAL QUESTION NUMBER: T1-001-004-R

FINDING CATEGORY: CLASS II

FINDING TYPE: Negative

EXISTING NOV: NO

LOCATION:

IFS FACILITY NUMBER:

FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: POSSIBLE ASBSETOS IN PIPE INSULATION IN MOST AREAS OF THE BLDG.

CRITERIA: Preventive Medicine personnel at each installation are required to conduct and maintain an up-to-date emissions inventory listing all stationary sources of air pollution and inspect stationary air pollution sources periodically to assess compliance with applicable standards. (AR 40-5, para 11-4b)

FINDING COMMENTS:

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): CHECK TO SEE IF ABATEMENT IS NECESSARY

STATUS OF CORRECTION:

***** INSTALLATION'S RESPONSE: *****

1) CORRECTIVE ACTION (CA) SELECTED: _____

2) CURRENT STATUS OF THE CA: _____

3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y__ N__
EXPLAIN: _____

4) ESTIMATED COMPLETION DATE FOR CA: _____

5) REVIEWER'S REMARKS: _____

NAME/OFFICE/PHONE: _____ DATE: _____

T1.50.4 #1 III FEDERAL FINDING

PCB

FINDING ID: 2

MANUAL QUESTION NUMBER: T1-050-004

FINDING CATEGORY: CLASS III

FINDING TYPE: Negative

EXISTING NOV: NO

LOCATION: VARIOUS LOCATIONS WITHIN THE BLDG.

IFS FACILITY NUMBER:

FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: SOME OF THE LIGHT FIXTURES HAVE A BLACK TAR-LIKE SUBSTANCE LEAKING FROM THE FIXTURES.

CRITERIA: Mineral oil dielectric fluid from PCB-contaminated Electrical Equipment containing a PCB concentration greater than 50 ppm but less than 500 ppm is required to be disposed of according to specific methods (40 CFR 761.60 (a)(2)).

FINDING COMMENTS:

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): CHECK TO SEE IF THE BALLAST'S DO CONTAIN PCB'S IF SO DISPOSE OF PROPERLY.

STATUS OF CORRECTION:

***** INSTALLATION'S RESPONSE: *****

1) CORRECTIVE ACTION (CA) SELECTED: _____

2) CURRENT STATUS OF THE CA: _____

3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y__ N__
EXPLAIN: _____

4) ESTIMATED COMPLETION DATE FOR CA: _____

5) REVIEWER'S REMARKS: _____

NAME/OFFICE/PHONE: _____ DATE: _____

T2.1.4.R #1 I FEDERAL FINDING

Asbestos

FINDING ID: 1

MANUAL QUESTION NUMBER: T2-001-004-R

FINDING CATEGORY: CLASS I

FINDING TYPE: Negative

EXISTING NOV: NO

LOCATION: N.E. BLDG. ENTRANCE

IFS FACILITY NUMBER:

FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: THE DOOR CLOSER ON THE N.E. ENTRY DOOR HITS THE PIPE INSULATION WHEN THE DOOR IS FULLY OPENED.

CRITERIA: Facilities are required to prepare, coordinate, and execute an Installation Asbestos Management Plan (AR 200-1, para 10-3).

FINDING COMMENTS: THIS PROBLEM NEEDS TO BE TAKEN CARE OF ASAP

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): ABATE OR INCAPSULATE THE DAMAGED AREA AND PUT A DOOR STOP IN FRONT OF IT.

STATUS OF CORRECTION:

***** INSTALLATION'S RESPONSE: *****

1) CORRECTIVE ACTION (CA) SELECTED: _____

2) CURRENT STATUS OF THE CA: _____

3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y__ N__
EXPLAIN: _____

4) ESTIMATED COMPLETION DATE FOR CA: _____

5) REVIEWER'S REMARKS: _____

NAME/OFFICE/PHONE: _____ DATE: _____

WA.10.4.00 #1 III STATE FINDING

Wastewater

FINDING ID: 5

MANUAL QUESTION NUMBER: WA-010-004-00

FINDING CATEGORY: CLASS III

FINDING TYPE: Negative

EXISTING NOV: NO

LOCATION:

IFS FACILITY NUMBER:

FACILITY TYPE: AFRC(MB) - ARMED FORCES RESERVE CENTER - MAIN BLDG

FINDING DESCRIPTION: storm water runs off of motor pool onto the grass

CRITERIA: Even where not covered by NPDES permits, stormwater discharge on the installation should be uncontaminated and periodic surveillance of these discharges should be completed

FINDING COMMENTS:

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): install oil/water seperator, get oil pans.

STATUS OF CORRECTION:

***** INSTALLATION'S RESPONSE: *****

1) CORRECTIVE ACTION (CA) SELECTED: _____

2) CURRENT STATUS OF THE CA: _____
3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y__ N__
EXPLAIN: _____

4) ESTIMATED COMPLETION DATE FOR CA: _____
5) REVIEWER'S REMARKS: _____

NAME/OFFICE/PHONE: _____ DATE: _____

TABLE 1-1
SUMMARY OF FINDINGS

INSTALLATION: AMSA #24 (G)
FFID: MN-2104MN056

Fiscal Year: 1997

SECTION NO. TITLE	REGULATORY			MANAGEMENT			TOTAL
	I	II	HS	POS	III	HS	
A Air Emissions	0	0	0	0	0	0	0
C Cultural Resources	0	0	0	0	0	0	0
HM Hazardous Materials	1	0	0	0	0	0	1
HW Hazardous Waste	0	0	0	0	0	0	0
NR Natural Resource	0	0	0	0	0	0	0
O1 Environmental Impacts	0	0	0	0	0	0	0
O2 Environmental Noise	0	0	0	0	0	0	0
O3 IRP	0	0	0	0	0	0	0
O4 Pollution Prevention	0	0	0	0	0	0	0
O5 Program Management	0	0	0	0	0	0	0
PM Pesticide	0	0	0	0	0	0	0
PO POL	0	0	0	0	0	0	0
SO Solid Waste	0	0	0	0	0	0	0
ST Storage Tanks	0	0	0	0	0	0	0
T1 PCB	0	0	0	0	0	0	0
T2 Asbestos	0	0	0	0	0	0	0
T3 Radon	0	0	0	0	0	0	0
T4 Lead Based Paint	0	0	0	0	0	0	0
WA Wastewater	2	0	0	0	0	0	2
WQ Water Quality	0	0	0	0	0	0	0
TOTALS	3	0	0	0	0	0	3

Data File Name Prefix: C:\ECAS\MN056
Date Summary Report Produced: 11/20/97

MN056 FAIZIBAUT
Completed: 6/3/97
Received: 11/19/97

FY97

HM.35.6 #1 I FEDERAL FINDING

Hazardous Materials

FINDING ID: 1

MANUAL QUESTION NUMBER: HM-035-006

FINDING CATEGORY: CLASS I

FINDING TYPE: Negative

EXISTING NOV: NO

LOCATION:

IFS FACILITY NUMBER:

FACILITY TYPE: AMSA(G) - AREA MAINT SPT ACT (GROUND EQUIP)

FINDING DESCRIPTION: THERE IS NO VENTILATION IN THE BATTERY ROOM, THEY ARE DOUBLE STACKING BATTERIES.

CRITERIA: Flammable/combustible storage rooms inside of buildings must meet certain specifications (29 CFR 1910.106(d)(4)) [April 1995].

FINDING COMMENTS:

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S):

STATUS OF CORRECTION:

***** INSTALLATION'S RESPONSE: *****

1) CORRECTIVE ACTION (CA) SELECTED: _____

2) CURRENT STATUS OF THE CA: _____

3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y__ N__
EXPLAIN: _____

4) ESTIMATED COMPLETION DATE FOR CA: _____

5) REVIEWER'S REMARKS: _____

NAME/OFFICE/PHONE: _____ DATE: _____

FINDING ID: 3

MANUAL QUESTION NUMBER: WA-010-004

FINDING CATEGORY: CLASS I

FINDING TYPE: Negative

EXISTING NOV: NO

LOCATION: MOTOR POOL PARKING LOT

IFS FACILITY NUMBER:

FACILITY TYPE: AMSA(G) - AREA MAINT SPT ACT (GROUND EQUIP)

FINDING DESCRIPTION: THERE ARE NO OIL DRIP PANS AND NO RUN OFF PLAN FOR THE PARKING LOT AREA IN THE MOTOR POOL

CRITERIA: Even where not covered by NPDES permits, stormwater discharge on the installation/CW facility should be uncontaminated and periodic surveillance of these discharges should be completed (MP).

FINDING COMMENTS: THERE IS NO RUN OFF PLAN, A OIL/WATER SEPERATOR WOULD BE NEEDED TO STOP THE WASHING OF OIL INTO THE SOIL.

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): INSTALL OIL DRIP PANS, PUT IN PLACE A RUN OFF PLAN

STATUS OF CORRECTION:

***** INSTALLATION'S RESPONSE: *****

1) CORRECTIVE ACTION (CA) SELECTED: _____

2) CURRENT STATUS OF THE CA: _____

3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y__ N__
EXPLAIN: _____

4) ESTIMATED COMPLETION DATE FOR CA: _____

5) REVIEWER'S REMARKS: _____

NAME/OFFICE/PHONE: _____ DATE: _____

WA.25.1 #1 I FEDERAL FINDING

Wastewater

FINDING ID: 2

MANUAL QUESTION NUMBER: WA-025-001

FINDING CATEGORY: CLASS I

FINDING TYPE: Negative

EXISTING NOV: NO

LOCATION: AMSA 24 SHOP AREA

IFS FACILITY NUMBER:

FACILITY TYPE: AMSA(G) - AREA MAINT SPT ACT (GROUND EQUIP)

FINDING DESCRIPTION: THE HOIST IN THE SHOP IS NO LONGER BEING USED AND THERE IS WATER RUNNING IN AND OUT OF THE UNDERGROUND PIT.

CRITERIA: Installations/CW facilities must not discharge into a POTW/FOTW any pollutant which would cause pass through or interference (40 CFR 403.5(a) and 403.5(c)(2)).

FINDING COMMENTS:

SUGGESTED/ALTERNATIVE CORRECTIVE ACTION(S): TAKE THE HOIST OUT

STATUS OF CORRECTION:

***** INSTALLATION'S RESPONSE: *****

1) CORRECTIVE ACTION (CA) SELECTED: _____

2) CURRENT STATUS OF THE CA: _____

3) ARE ADDED DETAILS OR COST DATA NEEDED TO DESCRIBE THIS CA?: Y__ N__

EXPLAIN: _____

4) ESTIMATED COMPLETION DATE FOR CA: _____

5) REVIEWER'S REMARKS: _____

NAME/OFFICE/PHONE: _____ DATE: _____

88TH REGIONAL SUPPORT COMMAND
OIL/WATER SEPARATOR ENGINEERING STUDY
2119 HIGHWAY 60
FARIBAULT, MINNESOTA (MN014)

Prepared for:

HARZA ENVIRONMENTAL SERVICES, INC.
233 South Wacker Drive
Chicago, Illinois 60606

Prepared by:

TERRACON
White Bear Lake, Minnesota 55110
Terracon Project No. 41975067
February 20, 1998

Terracon

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Figure 1 - Site Map

Appendix A

OWS Questionnaire

Appendix B

Safety Kleen Manifest Documents

Appendix C

Engineering Drawings

Appendix D

Photographs

Appendix E

Rainfall Map

**88TH REGIONAL SUPPORT COMMAND
OIL/WATER SEPARATOR ENGINEERING STUDY
FARIBAULT, MINNESOTA (MN014)**

INTRODUCTION

Terracon, as a subcontractor to Harza Environmental Services (Harza), has been retained by the Corps of Engineers Omaha District to evaluate the condition of oil/water separators (OWS) at various facilities under the 88th Regional Support Command and report the findings. The OWS evaluation included observing the physical condition of each OWS and documenting the location, condition, maintenance/upgrade requirements, system connections, discharge location, permits required for operations and potential liabilities for each OWS.

This report presents the results of our observations and data obtained at the General Lewis C. Beebe United States Army Reserve Center (USARC) in Faribault, Minnesota (MN014).

DESCRIPTION OF THE FACILITY

The USARC facility is located at 2119 Highway 60, Faribault, Minnesota. The facility is home to AMSA 111 and the 417th Maintenance Company. The facility consists of two buildings; a reserve center and an Organization Maintenance Shop (OMS) building. The reserve center contains office space, a drill area and classrooms. The OMS building is located south of the reserve center and contains several service bays for vehicle maintenance. One OWS was observed within the maintenance area located in the central portion of the OMS facility. The facility also has an outdoor vehicle wash rack which discharges to the OWS. The vehicle wash rack is located between the OMS building and reserve center.

The facility manager, Mr. Raymond Wolf, indicated that vehicle maintenance is performed on a routine basis at the facility. The floor is generally washed on a daily basis, with the water discharging to the OWS. Mr. Wolf also indicated that the wash rack is rarely used and has not been used in the two years he's been at the facility.

INVESTIGATION ACTIVITIES

A questionnaire was submitted to the facility manager to obtain information regarding the OWS system and operations. A copy of the completed questionnaire is included in Appendix A.

On December 3, 1997, Terracon visited the facility to meet with the facility manager, Mr. Raymond Wolf, to inspect the OWS and conduct additional investigations. Additional investigations included confirming information provided in the questionnaire, confirming discharge to the sanitary sewer system, and identifying and locating potential discharges into the OWS

including sources of wash water as well as potentially hazardous materials. Terracon also photographed the OWS and where possible measured the potential discharges to the OWS.

Safety-Kleen Corp. pumped the contents of the OWS and vacuumed and washed the OWS interior. Washing was conducted using the on-site water supply and a garden type hose. Copies of Safety-Kleen's bill of lading/manifest and invoice for disposal of the waste are included in Appendix B.

Discharges into and from the OWS was confirmed with a dye test. Kingscote fluorescent FWT Red and fluorescent FLT Yellow/Green dyes were used. Dye solutions were prepared by mixing a small amount of dye concentration with approximately 5 gallons of water. The dye solution was poured into the trench drains and the wash rack and the OWS was observed for the presence of the dye. In addition, a manhole cover along the sanitary sewer was removed and the sewer pipe observed for the presence of the dye. In general, a few minutes were required for the dye to appear in the sewer.

FINDINGS OF THE SITE VISIT

The Faribault, Minnesota USARC facility is comprised of two buildings. The OMS building contains one OWS. The facility also has an outdoor vehicle wash rack which discharges to the OWS. On December 8, 1997, Terracon obtained engineering drawings of the Faribault facility from the file/plan room at Fort McCoy, Wisconsin. The engineering drawings include site plans and details of the OWS and wash rack. Copies of the relevant portions of the drawings are included in Appendix C. Figure 1 presents a schematic of the OWS system based on a review of these drawings and field observations.

The OWS system consists of floor trench drains and a vehicle wash rack connected to a gravity type oil/water separator unit. Based on the engineering drawings, the OWS is circular in shape with overall dimensions of 48 inches in diameter by 141 inches deep. Access to the OWS for maintenance and cleaning is via a 24 inch diameter steel manhole cover. A 24-inch diameter steel sleeve or casing, which is 92 inches in length, is fitted into the OWS. The steel sleeve is suspended from the top of the OWS. The sleeve prevented direct observations of the sidewalls of the OWS and inlet and discharge pipes in the OWS. The depth also limited observations of the base at the completion of pumping. The OWS appears to be vented to the outside. Discharge from the OWS is to the sanitary sewer system.

Flow into the OWS is through seven trench drains located in front of the overhead garage doors to the service bays in the maintenance area. The trench drains are constructed of cast in place concrete and are covered by steel grates. Each trench drain measured 11 feet long by 10 inches wide. Depth of the trench drains varied from 4 inches at the ends to 10 inches deep at the center. A 4 inch diameter drain pipe with an 8 inch diameter cast iron grate located at the center of each trench drain provides drainage to the OWS. The trench drains appeared to be in good condition. Cracks or spalling of the concrete was not observed and the

metal grates covering the trenches were observed to be in good condition. In general, the trench drains were clean and free of sediment and debris.

The vehicle wash rack is constructed of cast-in-place concrete. The wash rack is rectangular in shape and measured 25 feet by 30 feet. Drainage from the wash rack is via a 4 inch diameter pipe and an associated catch basin. A 10 inch diameter cast iron grate covers the catch basin. The grate and the flange on the discharge pipe were observed to be broken at the time of the site visit. The cracked flange would result in runoff water from the wash rack potentially infiltrating into the soil beneath the catch basin. The wash rack discharges to a manhole outside the OMS building which in turn discharges to the OWS.

At the time of the site visit, the OWS contained approximately 184 gallons of liquid waste and approximately 118 gallons of solid waste. The manhole associated with the discharge from the wash rack contained approximately 78 gallons of solid waste. The total volume of solid waste pumped by Safety-Kleen was 196 gallons. These wastes along with the wash water used to clean the OWS were removed and disposed of by Safety-Kleen.

Wash water for the maintenance area is from four hose bibs located on the walls between the overhead garage doors. Discharge from one of the hose bibs was measured at 5 gallons per 15 seconds, yielding approximately 20 gallons per minute (gpm) which is equivalent to 2.67 cubic feet per minute (cfm). Additional sources of wash water were not observed.

Wash water for the wash rack is from a yard hydrant/hose bib located on the north side of the wash rack. Discharge from the yard hydrant/hose bib was measured at 20 gpm. Additional flow to the wash rack would include rainfall run-off and snow melt.

The OWS discharges to the sanitary sewer lateral located along the east side of the reserve center. The sewer lateral discharges to the sanitary sewer system along the frontage road to Highway 60. The discharge was confirmed with a dye test. The manhole cover at the sanitary sewer was removed and the sewer pipe observed for the presence of the dye. A few minutes were required for the dye to appear in the sewer.

An inventory of the surrounding area within the maintenance area showed numerous tools and equipment throughout the building. A parts washer and oil filter press were observed along the west end of the building, approximately 90 feet from the OWS.

Photographs of the OWS, trench drains, wash rack and sewer discharge are located in Appendix D.

EVALUATION OF OWS CAPACITY

The American Petroleum Institute (API) has established design standards for sizing oil/water separators. These standards provide for efficient removal of oil globules greater than 0.015

centimeters (cm) in diameter. The design is based on three relationships; the minimum horizontal surface area of the OWS, the minimum vertical cross-sectional area of the OWS, and a minimum depth-to-width ratio.

The minimum horizontal surface area is determined by the equation:

$$A_H = F(Q_D/v_t) \text{ where}$$

A_H = minimum horizontal area in square feet

F = design factor and is determined by the ratio of horizontal velocity (V_H) to the rise rate of the oil globule (v_t). F is obtained from a graph provided in the API design manual. F varies from a minimum of 1.23 at a V_H/v_t of 2 to 1.75 at a V_H/v_t of 18.

Q_D = design flow rate in cubic feet per minute (cfm)

v_t = rise rate of oil globule in feet per minute (fpm)

v_t is determined by the equation: $v_t = 0.0241 (S_w - S_o)/u$ where:

S_w = specific gravity of water at design temperature = approximately 1.0 at 40 F

S_o = specific gravity of oil at design temperature = approximately 0.9 at 40 F

u = absolute viscosity of water at design temperature = approximately 0.015 at 40 F

A temperature of 40 F was assumed as a conservative value since a globule of oil in water at 40 F will rise at half the rate of the same globule in water at 90 F. The specific gravity values for water and oil presented above are also based on the conservative assumption that the OWS is designed for "cold" weather usage.

Horizontal velocity (V_H) through the OWS is determined by dividing the flow (Q_b) by the vertical cross sectional area (A_c). API recommends a maximum horizontal velocity of 3 fpm.

API recommends a depth to width ratio (d/B) between 0.3 and 0.5, where d is the depth of the liquid in the OWS and B is the width of the OWS.

API oil/water separator design parameters apply to rectangular oil/water separators. A rational design procedure for circular units has not been developed. The OWS is circular in shape (4 foot diameter). To apply the API design criteria, a circle 4 foot in diameter was used to calculate the horizontal dimensions.

Sources of flow through the OWS (Q_b) include the combined flow from the four interior hose bibs, the rainfall run-off from the wash rack and the flow from the hose bib adjacent to the wash rack. Flow from the hose bibs were measured at 20 gpm (2.67 cfm) each.

Stormwater runoff (Q_s) from the vehicle wash rack to the OWS may be estimated using the rational method:

$$Q_s = CiA \text{ where:}$$

Q_s = flow in cubic feet per second (cfs)
 C = runoff coefficient
 I = rainfall intensity in inches/hour
 A = drainage area in acres.

A runoff coefficient of 1.0 may be used for sound concrete. Rainfall associated with a five year, one hour storm is estimated at 1.9 inches, as indicated on the attached rainfall map in Appendix E. This design storm is generally accepted as providing a balance between flow capacity and OWS size. The wash rack is a concrete pad 30 feet by 25 feet which is 750 square feet or 0.017 acres.

Therefore; $Q_s = CiA = (1.0)(1.9)(0.017) = 0.032 \text{ cfs} = 1.94 \text{ cfm} = 14.5 \text{ gpm}$

Q_D is the maximum flow through the OWS. Stormwater flow was calculated at 14.5 gpm and the flow from the adjacent hose bib was measured at 20 gpm for a total of 34.5 gpm. The four interior hose bibs produce a flow of 20 gpm each for a combined flow of 80 gpm. It is not likely that equipment will be washed during a rainfall event. Therefore, the maximum flow (Q) was assumed to be the higher of the two values, which is the combined flow from the four interior hose bibs.

$$Q_D = 80 \text{ gpm} = 10.7 \text{ cfm}$$

OWS diameter = $B = 4$ feet
 OWS radius = $r = 2$ feet
 OWS area = $\pi r^2 = (3.14)(4) = 12.6$ square feet (actual circular area)
 Depth of waste water = $d = 38$ inches = 3.2 feet

$$A_c = (B)(d) = (4)(3.2) = 12.8 \text{ square feet}$$

$$d/B = 3.2/4 = 0.8$$

The depth to width ratio is greater than the minimum of 0.3 and also greater than the recommended maximum of 0.5.

$$V_H = Q_D / A_c = 10.7/12.8 = 0.835 \text{ fpm.}$$

V_H is less than the maximum of 3 fpm. This meets API design requirements.

$$v_t = 0.0241 (S_w - S_o)/u = 0.0241(1 - 0.9)/0.015 = 0.161 \text{ fpm}$$

Therefore $V_H/V_1 = 0.835/0.161 = 5.2$

From the graph provided in the API design manual, $F = 1.35$.

$$A_H = F(Q_D/V_1) = 1.35(10.7/0.161) = 89.7 \text{ square feet}$$

The actual horizontal area of the OWS is 12.6 square feet which is less than the minimum required.

The OWS meets one of the three API design requirements. The depth to width ratio is greater than the maximum ratio recommended, however this is not anticipated to reduce the oil removal capability of the OWS. The OWS lacks sufficient horizontal area for a flow of 80 gpm, which will compromise oil removal capability and is not considered acceptable.

The above calculations are based on combined flow from four wash water sources (hose bibs). The flow through the OWS would be reduced to 2.67 cfm (20 gpm), assuming that vehicle washing does not occur during a rainfall event and water use is limited to one source of wash water. Re-calculating the horizontal area required for a flow of 20 gpm yields 20.4 square feet. This is greater than the actual horizontal area of 12.6 square feet. The OWS is not suitable for a flow of 20 gpm from one hose bib.

ADDITIONAL FINDINGS

The facility manager provided a site plan of the facility which shows the facility lay out and also shows the building floor plan. On December 8, 1997, Terracon obtained additional engineering drawings of the Faribault facility from the file/plan room at Fort McCoy, Wisconsin. The plans include a site plan and piping configuration for the OWS system. Copies of the relevant portions of the engineering drawings are included in Appendix C.

The site plan indicates the presence of maintenance bays along the east end of the OWS. There is a wall separating the eastern and western portions of the building. The facility manager indicated that the southern service bays in the eastern portion of the building are partitioned and are currently used as a tool crib and as office space. The northern service bays are used for light maintenance such as changing tires and checking brakes. He indicated that to his knowledge there are no floor drains associated with the easternmost service bays.

Review of the questionnaire and discussions with the facility manager indicate that the floor is generally washed on a daily basis, with the water discharging to the OWS.

Mr. Dan Behrens, Director of Public Works for the City of Faribault, indicated that a permit is not required to discharge from the OWS to the sanitary sewer system.

The facility manager indicated in a conversation that the facility has a spill prevention, control and countermeasure (SPCC) plan in place for the shop and OWS. The facility manager also indicated that there have not been spills into the OWSs.

CONCLUSIONS

The USARC facility is located at 2119 Highway 60, Faribault, Minnesota. The facility is home to AMSA 111 and the 417th Maintenance Company. The facility consists of two buildings, a reserve center and an OMS building. One oil/water separator was observed at the Faribault USARC facility within the maintenance area of the OMS building.

This report summarizes investigations conducted by Terracon focusing on the physical condition of the OWS systems. Work included pumping the OWSs by Safety-Kleen Corp.

The OWS system consists of floor trench drains and a vehicle wash rack connected to a gravity type oil/water separator unit. The accessible portions of the OWS appear to be in good condition; however, direct observations of the outer walls and piping were not possible because of a steel sleeve in the OWS. The depth also made it difficult to assess the status of the base of the OWS. The trench drains were observed to be good condition and generally clean and free of sediment and debris.

The vehicle wash rack contains a catch basin covered with a steel/cast iron grate. The grate and the flange on the discharge pipe were cracked. The cracked flange could allow oil/water mixtures to bypass the discharge pipe to the OWS and seep directly into the surrounding soil.

The OWS lacks sufficient horizontal area for a flow of 80 gpm from the four interior hose bibs and also lacks sufficient horizontal area for a flow of 20 gpm from one hose bib. The lack of sufficient horizontal area in the OWS will compromise the oil removal capability and is not considered acceptable. The maximum flow capacity of the OWS is calculated to be approximately 12 gpm.

Mr. Dan Behrens, Director of Public Works for the City of Faribault, indicated that a permit is not required to discharge from the OWS to the sanitary sewer system.

The facility manager indicated in a conversation that the facility has a spill prevention, control and countermeasure (SPCC) plan in place for the shop and OWS. The facility manager also indicated that there have not been spills into the OWSs.

RECOMMENDATIONS

The following items are recommended for the OWS system:

1. The grate and the flange on the discharge pipe for the catch basin at the wash rack should be repaired.
2. The horizontal area of the OWS needs to be increased to a minimum of 20 square feet for the measured flow of 20 gpm from one hose bib. As an interim measure, a flow restrictor should be installed on the hose bib(s) to allow a maximum flow of 12 gpm and operational procedures implemented to limit wash water use to one hose bib at a time.

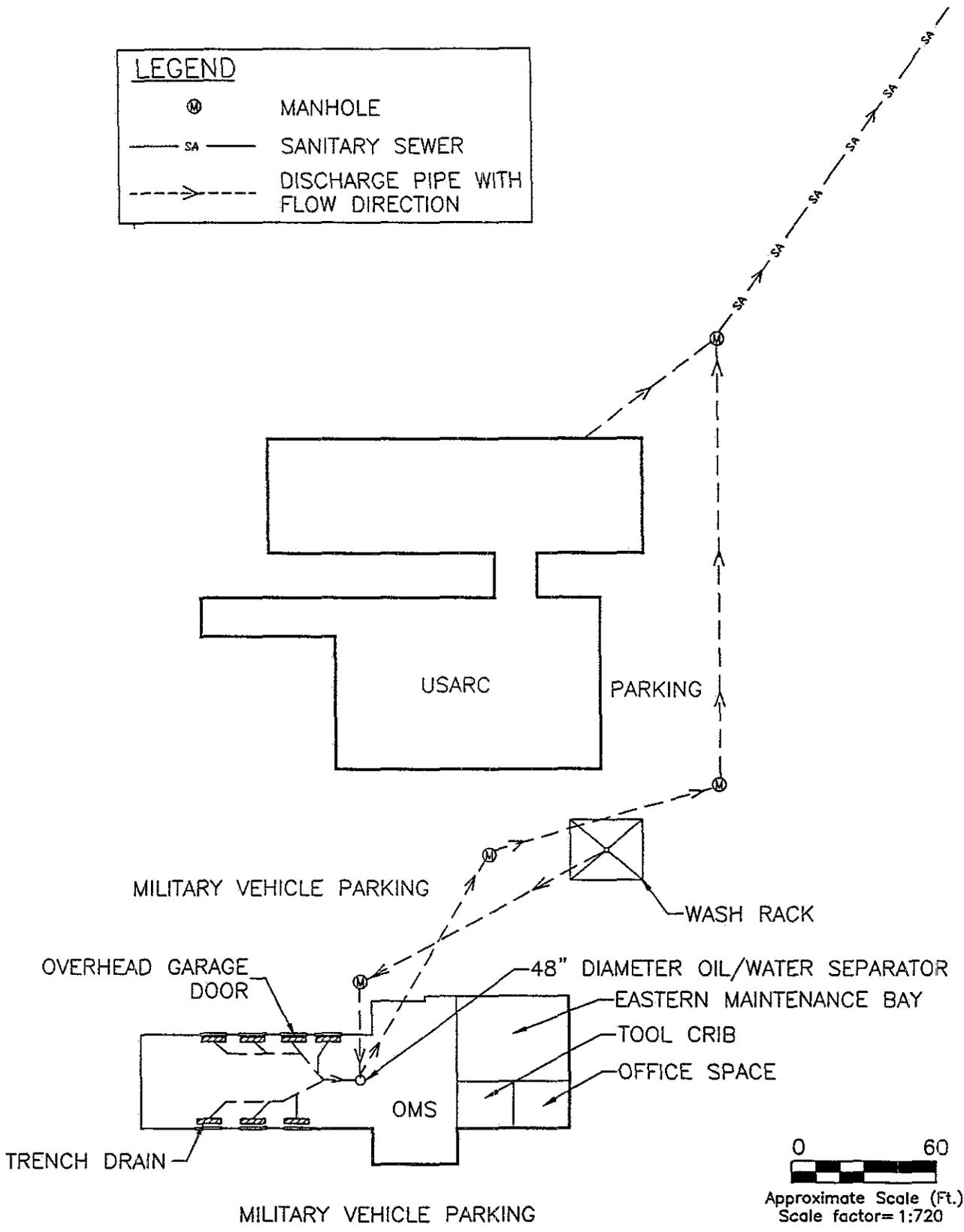
GENERAL COMMENTS

The analysis and opinions expressed in this report are based upon data obtained from the facility personnel and during the site visit or from other information discussed in this report.

This report is prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted environmental engineering practices. No warranties, express or implied are intended or made. In the event any changes in the nature or location of suspected sources of contamination as outlined in this report are observed, the conclusions and recommendations contained in this report shall not be valid unless these changes are reviewed and the opinions of this report are modified or verified in writing by Terracon.

LEGEND

- ⊕ MANHOLE
- SA — SANITARY SEWER
- - - > DISCHARGE PIPE WITH FLOW DIRECTION



Terracon

3535 HOFFMAN ROAD EAST
 WHITE BEAR LAKE, MN 55110
 (612) 770-1500 FAX (612) 770-1857

SITE MAP

TERRACON PROJECT NO. 41975067

DRAWN BY:	SCM
CHECKED BY:	PR
FILE:	FARIBALT.DWG
SCALE:	AS SHOWN
DATE:	1/21/98

**OIL/WATER SEPARATOR SYSTEM
 USARC (MNO14)
 FARIBAUT, MINNESOTA
 (DECEMBER 3, 1997)**

FIGURE NO.:
 1

APPENDIX A

OWS QUESTIONNAIRE

88th REGIONAL SUPPORT COMMAND
OIL/WATER SEPARATOR (OWS) QUESTIONNAIRE
CONTRACT NO. DACW 45-94-D-0044

1) Facility Identification

- a) FACID MN014
- b) Facility Name General LEWIS C. BEEBE USARC
- c) Address 2119 Hwy 60
FARIBAULT, MN 55021
- d) Facility Contact CW3 RAYMOND WOLF
- e) Telephone Number 507-334-9225/1967
- f) Date Questionnaire Completed _____

2) General Information

- a) How many OWS's does the facility have? 1 ONE
- b) When were they constructed? 1977
- c) Are they connected? N/A Yes No

If so, please explain the connection and piping arrangement:

For each OWS at the facility complete separate copies of this questionnaire.

3) Physical Characteristics

- a) Indicate the direction and distance from the nearest facility building:

Direction INSIDE MAINTENANCE _____

Distance (feet) SHOP BLD #2 _____

From Building # _____

b) Is the OWS currently operational? Yes No

If yes, how often is it used per month?

Dailey

c) When was the last time it was inspected and cleaned (date)?

approximately 1995

d) Was this maintenance done by a commercial contractor? Yes No NA

e) Did the contractor issue a report? Yes No NA

If so, please attach a copy.

UNKNOWN

f) What is the approximate capacity of the OWS? UNKNOWN gal

If unknown, attempt to estimate based on the dimensions

Length

24" Circle

24" ft ✓

Width

24" ft ✓

Depth

12' ft ✓

Depth of liquid

3' ft ✓

g) Does the OWS currently contain liquid? Yes No

If yes, approximately how many gallons are currently present?

UNKNOWN gal

h) What are the walls and base of the OWS constructed of?

Circle One: concrete brick steel unknown other _____ (specify) ✓

i) Size of access manways to OWS diameter 24" or feet _____ x _____ ✓

j) Can the cover be removed? Yes No

k) Is the cover locked? Yes No

l) Does the OWS have a sand grit chamber? Yes No UNKNOWN

Estimated size _____

Depth of grit present in the chamber and/or on the base of OWS _____ ft

m) Is there a collection trench connected to the OWS? Yes No

n) Is there liquid in the trench? Yes No

If so, estimate the volume (length x width x depth in feet x 7.48) = _____ gal

o) Is there sediment in the trench? Yes No

If so, estimate the amount (length x width x depth in feet x 7.48) = _____ gal

p) What are the dimensions of the collection trenching?

Length 11 ft
Width ~~12~~ ft
Depth 1 ft

q) What are the walls and base of the trenching constructed of?

Circle One: Concrete Steel Unknown Other _____
(specify)

r) What operations are the OWS used in conjunction with at the facility (check all that apply).

vehicle wash rack
vehicle maintenance bay drains
POV or MEP parking area runoff
other (specify) _____

s) Do you have a copy of the following at the facility?

Scaled site drawing of the facility Yes No
Engineers drawings of OWS Yes No
"As built" drawings of OWS Yes No
Construction specifications of OWS Yes No
 Engineers drawing of the OWS, collection trench discharge lines, outfalls, manholes, etc. Yes No

If yes, please furnish copies.

t) Distance from OWS to nearest source of wash water (min. 1/2" hose bib) 20'

4) Operation and Discharge Conditions

a) Where does the OWS discharge (check as applicable)

- municipal storm sewer
- municipal sanitary sewer
- septic tank
- septic drain field
- holding tank
- adjoining ditch, pond or stream
- french drain (open bottom OWS)
- unknown
- other (specify) _____

b) Describe the approximate location of the OWS discharge in terms of the distance and direction from the OWS.

Direction North East
Distance 300 ft.

c) What is the estimated discharge flow rate in gallons per month? UNKNOWN gal

Describe basis for discharge rate estimates (i.e., actual flow rate measurements; number of vehicles washed x gallons per wash; other)

d) Does the facility have an NPDES or POTW permit? Yes No

If yes, please attach a copy.

UNKNOWN

If no, or if permit is not available, please forward any information regarding discharge limits, sampling requirements, and reporting requirements.

e) Do you have laboratory analytical data (total suspended solids, oil & grease, BOD, pH, etc.)

- characterizing flows into the OWS? Yes No
- characterizing discharge from the OWS? Yes No

If yes, please furnish copies.

f) Has your facility had any violations of discharge limits or standards?

Yes No

If yes, please furnish copies of reports describing nature, causes, and responses.

5) Emergency Response

a) Does your facility have an SPCC (Spill Prevention, Control & Countermeasure) Plan?

Yes No

b) Has your facility had spills of oils and/or hazardous materials which have entered the OWS system?

UNKNOWN

Yes No

If yes, please furnish copies of reports describing nature, causes, impacts, and responses.

6) Miscellaneous

a) Describe any other information, circumstances or events associated with the OWS.

There is a outside wash rack that goes into the OWS
IT IS Located (see attached map) in Red.

PLACEMENT FORM

15-103-72-
GENERATOR LOCATION

FOR SERVICE CALL TRANSPORTER
2 688-6975 KIRK CRISTILLY
DOC. EXP. REFERENCE NUMBER 06996

DUNS NO. 05108-0408 FED. ID NO. 39-6090019
BILL TO (IF DIFFERENT FROM LOCATION)

NAME HARZA ENVIRONMENTAL INC
DELIVERY ADDRESS 233 S. WALKER DR
INFORMATION ATTENTION LINE SEARS TOWER
CITY & STATE CHICAGO IL
ZIP 60606
TAX CODE 60606

BRANCH NO 5 SIC CODE 103
BUSINESS TYPE 06 ASSOCIATION SVC. P/C PROD. P/C
SALES TAX EXEMPTION NUMBER

DATE PLACED	SALES REP. NO.	CUSTOMER'S P.O. NUMBER	TEMPORARY	CUSTOMER PHONE NO.	HANDLING CODE	CREDIT CODE	SERVICE TERM	SCHEDULE DATE	PLANT CODE	FREE TRUCK	PROMO NO.	RELEASE NO.	MSDS GIVEN
2-3-97	8509		<input type="checkbox"/>	(507) 334-9225			90						
10915	Sign up	1		26									
66667	1.9	184		16560									
66677	Solid	195		6722									
10902	TRUCK	1		150									
10942	DISC	1		148									
10921	Wash water	100											

TOTAL-SERVICE/PRODUCTS

MANIFEST NO. USEPA TRANSPORTER ID NO. GENERATOR USEPA ID NO. GENERATOR STATE ID NO.

12 CONTAINERS 13. TOTAL QUANTITY 01 TT 475 6

14. UNIT VOLUME 927

1. US DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID.)
USED OIL AND WATER MIXTURE (NOT US DOT HAZARDOUS MATERIAL)

PLACEMENT CODES
(1) NEW APPLICATION
(2) REPLACE DEFECTIVE MACHINE
(3) REPLACE COMPETITIVE MACHINE
(4) REPLACE HOME MADE VAS
(5) ADDITIONAL MACHINE

1. CERTIFY THAT MY TOTAL WASTE STREAMS ARE WITHIN ONE OF THE FOLLOWING CATEGORIES:
0 TO 220 LBS/MONTH INITIALS
220 LBS. TO 2,200 LBS/MONTH INITIALS
GREATER THAN 2,200 LBS/MONTH INITIALS

SIGNATED FACILITY NAME AND ADDRESS SAFETY-KLEEN CORP.
327 Terminal Dr. Egan MN 55121

USA EPA ID NO. STATE ID NO.

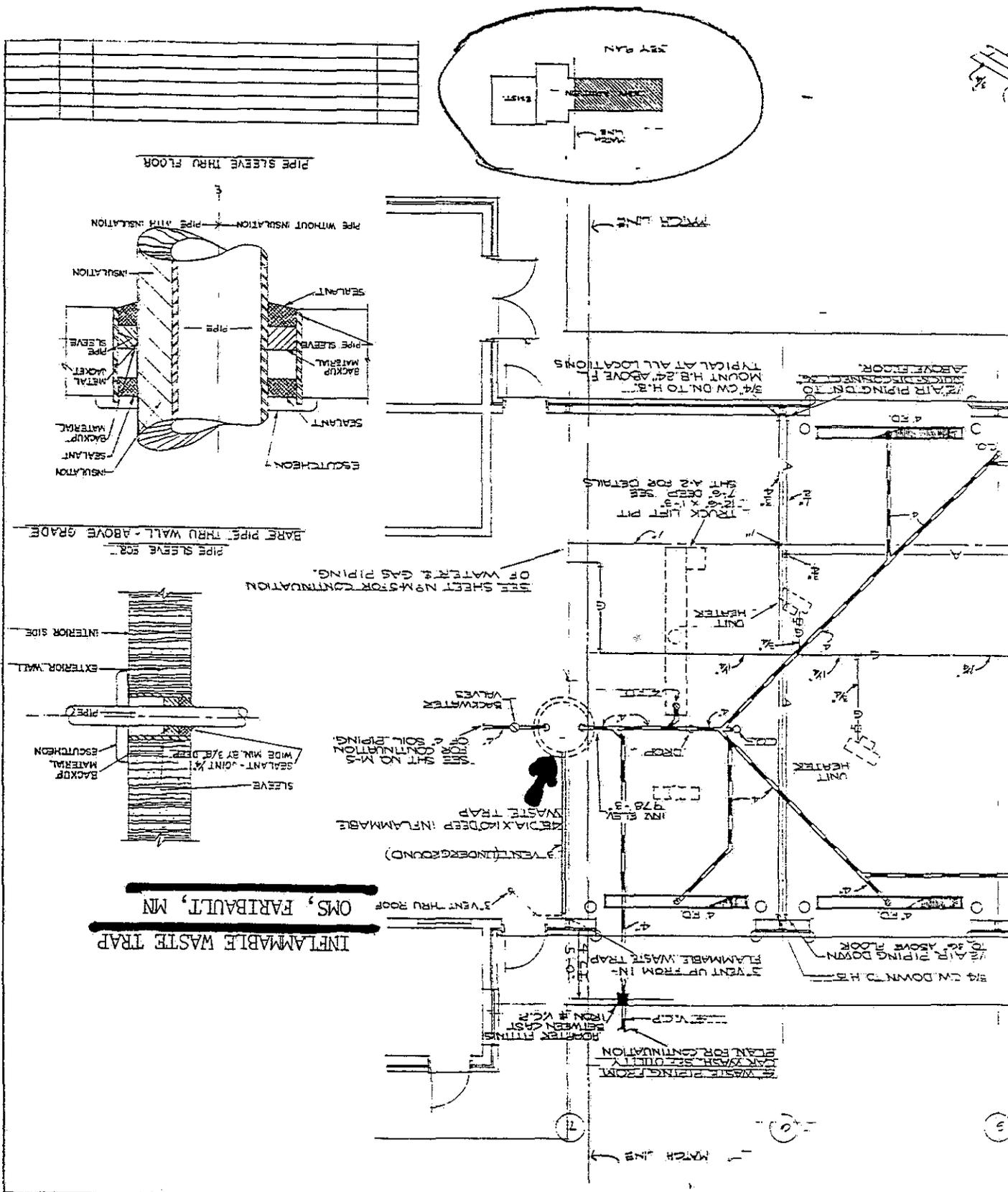
TOTAL CHARGE (FROM ABOVE) TOTAL DUE 840 35
P06996

8509

By: Raymond A. Wolf Jr.
Customer's Authorized Representative

IN THE EVENT OF AN EMERGENCY CALL 1-800-468-5769 (24 hours)

APPENDIX C
ENGINEERING DRAWINGS

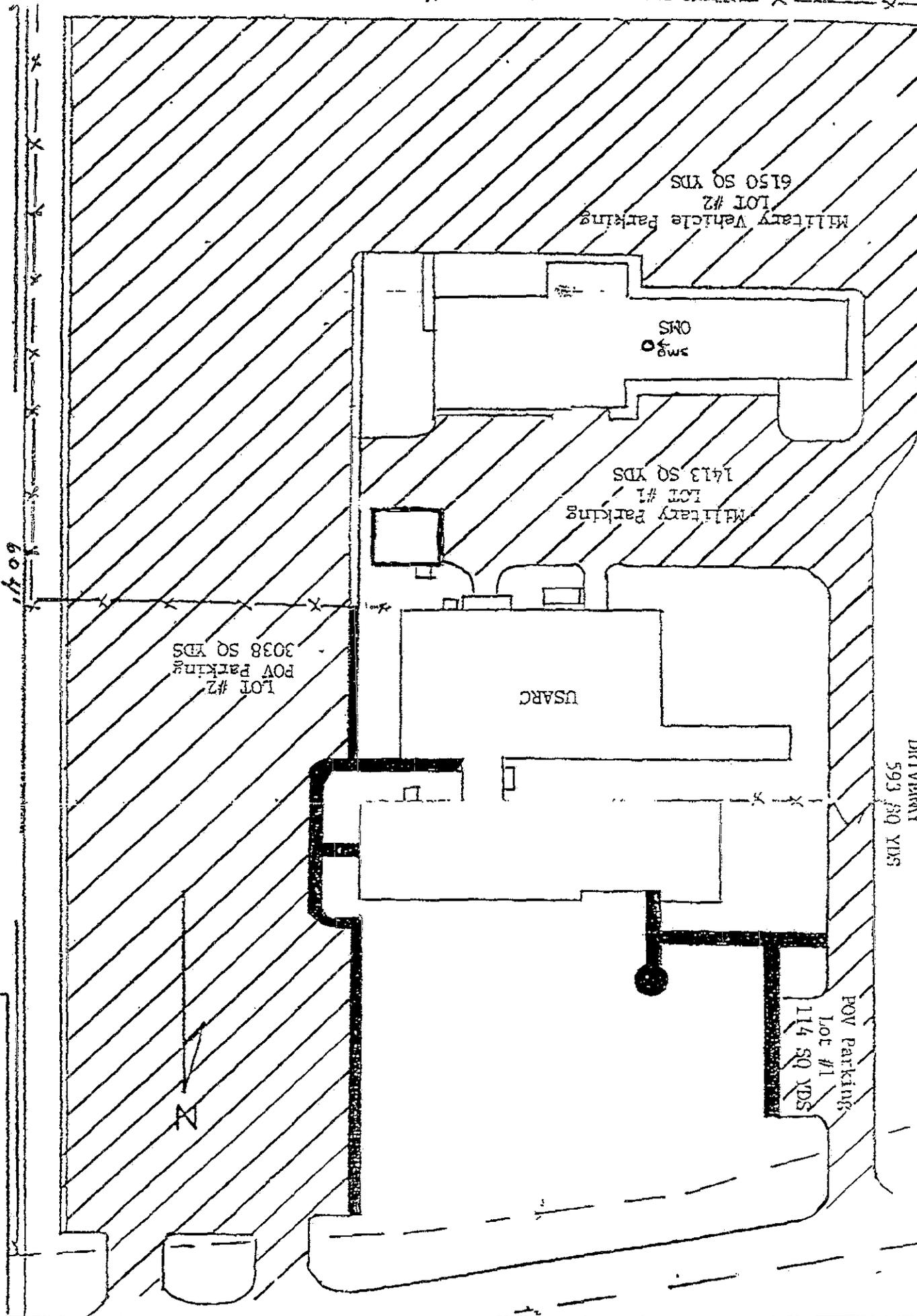




SNOW REMOVAL



SIDWALKS



NOTE
Contractor shall verify all dimensions and conditions at the site.

SNOW REMOVAL

DIRECTORATE OF PUBLIC WORKS

Ft. McCoy, PA

USARC, 2119 Hwy 60

APPENDIX D

PHOTOGRAPHS

OIL/WATER SEPARATOR STUDY
FARIBAULT, MINNESOTA
TERRACON PROJECT # 41975067

Terracon



1. THE PHOTOGRAPH SHOWS THE OIL/WATER SEPARATOR BEFORE PUMPING



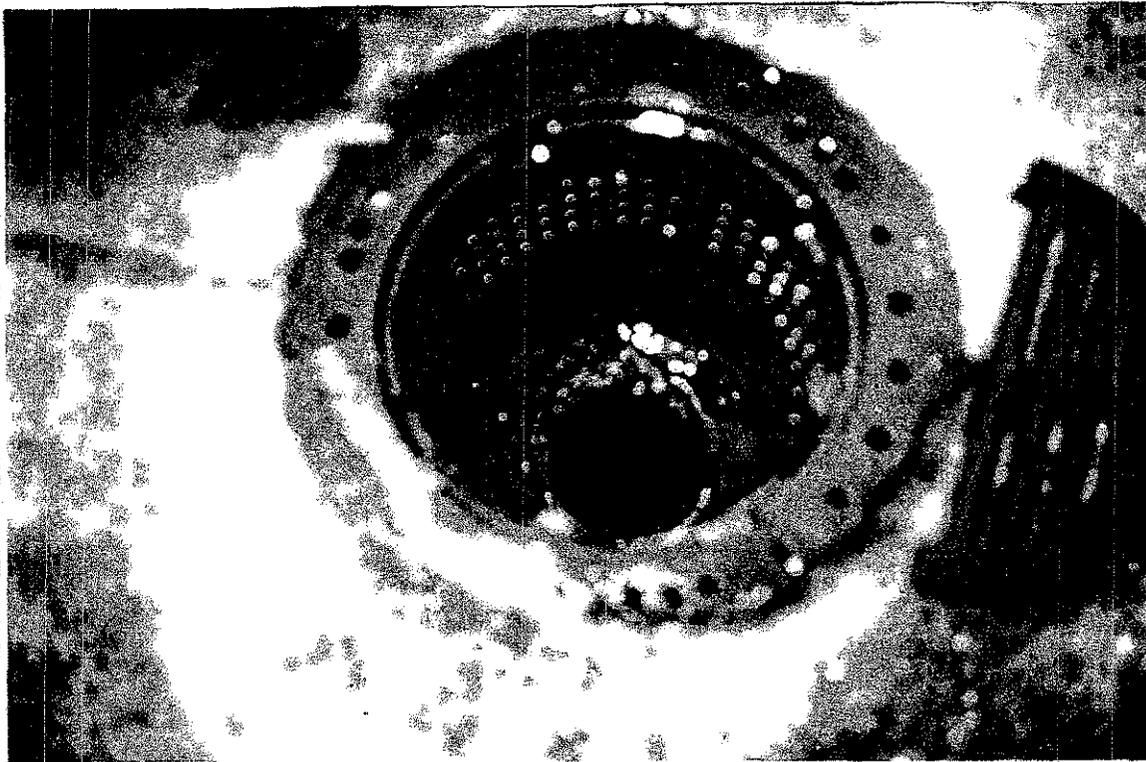
2. SHOWS A CLOSE UP OF ONE OF THE TRENCH DRAINS. THE LINES
IN THE DRAIN ARE STAINS AND NOT CRACKS IN THE CONCRETE.



3. SHOWS A CLOSE UP OF ONE OF THE DRAIN PIPES IN THE TRENCH DRAINS



4. SHOWS THE WASH RACK. THIS VIEW IS LOOKING WEST. THE HOSE BIB IS SHOWN TO THE RIGHT IN THE PHOTO



5. SHOWS THE BROKEN GRATE AND BROKEN DRAIN PIPE FOR THE WASH RACK



6. SHOWS THE SANITARY SEWER MANHOLE FOR THE OWS DISCHARGE.
THE VIEW IS LOOKING SOUTH BY SOUTHWEST.

APPENDIX E
RAINFALL MAP

United States Army Reserve
88th Regional Support Command
Wetland and Endangered Species
Surveys

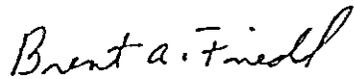


MINNESOTA

for Selected Facilities

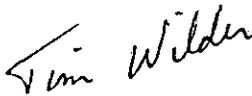
1998

Prepared By:



Brent A. Friedl
Research Associate
Center for Ecological Management of Military Lands
Colorado State University
Fort Collins, Colorado
For Fort McCoy, Wisconsin

Reviewed By:



Tim Wilder
Threatened and Endangered Species Biologist
Directorate of Training and Mobilization
Biological and Cultural Resource -
Management Team
Fort McCoy, Wisconsin

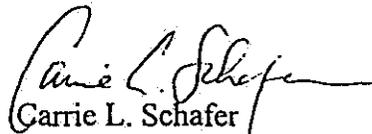


Mark McCarty
Environmental Protection Specialist
Directorate of Training and Mobilization
Biological and Cultural Resource -
Management Team
Fort McCoy, Wisconsin

Approved By:



Mark E. Buck, P.E.
Environmental Engineer
Environmental Division Chief
Army Reserve 88th Regional Support
Command
Ft. Snelling, Minnesota



Carrie L. Schafer
Sr. Environmental Planning Specialist
REMSA, INC. for the
Army Reserve 88th Regional Support
Command
Ft. Snelling, Minnesota

Forward

This report was compiled for the 88th Regional Support Command (RSC) as a service for Colorado State University, with support and technical assistance provided by the Fort McCoy Natural Resources Office, Directorate of Training and Mobilization (DTM) located in Fort McCoy Military Installation; Sparta, Wisconsin.

Colorado State University personnel included Brent Friedl, Mark Wegner, and Mark Roth. Initial research and background information was collected and evaluated in the office by Brent Friedl. Field investigations were conducted in June 1998 by Brent Friedl and Mark Roth. Brent Friedl compiled the field notes and authored the written text. The incorporated Figures, Photographs, and Appendices were created and compiled in a cooperative effort by Mark Roth, Mark Wegner, and Brent Friedl. The draft report was evaluated for content and format by Fort McCoy Natural Resources Personnel to include; Tim Wilder, Fort McCoy Threatened and Endangered Species Biologist, and Mark McCarty, Fort McCoy Environmental Protection Specialist. Final report was completed and printed in April 1999.

Introduction

The 88th RSC is currently responsible for all federal United States Army Reserve (USAR) lands in the Midwest Region to include the states of Minnesota (MN), Wisconsin, Michigan, Ohio, Indiana, and Illinois. In order for the USAR to meet continuous training needs during peacetime, and to ensure readiness in times of national emergency, the minimum state, federal, army, and other governmental policies pertaining to natural resources must be met. Regulations applicable to this report include: the Endangered Species Act (ESA), the Clean Water Act (CWA), Army Regulation (AR) 200-1, AR 200-2, AR 200-3, and Executive Order (EO) 11990.

Objective

The objective of this report is to identify USAR properties in MN which harbor, or have a high probability of harboring, federal or state listed threatened or endangered species (T&E), or wetlands.

Methods

The facilities selected for this report by the 88th RSC were greater than 5 acres in size and/or harbored likely characteristics of concern. Initial location and facility information for 17 properties was provided by the 88th RSC. Additional information was collected through: record searches at the Fort McCoy Engineering Department and the 88th RSC Real Property Records; and phone conversations with the 88th RSC Minnesota State Environmental Manager, 88th Natural Resource Program Manager, individual facility personnel, and adjacent property owners.

Topographic and National Wetland Inventory (NWI) Maps and County Soil Surveys were acquired and facility locations were pin pointed on each in order to evaluate the property characteristics.

The MN Department of Natural Resources (MN DNR) - Natural Heritage and Non-game Research Program provided records for all state or federally listed species that have been observed within a 1 mile radius of each facility. The United States Fish and Wildlife Service (USFWS) was also consulted regarding federally listed T&E known, or likely, to be present within a 1 mile radius of each site. Additional information pertaining to T&E was collected from literature, various agencies, adjacent property owners, or other natural resource professionals. The

collected materials were evaluated in the office to identify facilities capable of harboring elements of interest. A visitation and relevé documenting dominant or observed plant and animal species was conducted for each facility. Sites with habitat sufficient to support likely T&E species were surveyed in a manner appropriate for individual species of interest.

Sites with suspected wetlands were evaluated through the Routine Determination process outlined in the Corp of Engineers Wetlands Delineation Manual (United States Army Corp of Engineers (USACE) 1987). Approximate wetland delineation's are depicted in the facility diagrams and are **not acceptable for jurisdictional purposes (for definition see Jurisdictional Wetlands Section)**. A certified soil scientist or wetland delineator should conduct a Comprehensive Determination (USACE 1987) to map the exact boundaries of each wetland area before any dredging, filling, or draining is conducted within the vicinity of those areas identified.

Results and Discussion

Of the 17 facilities visited, 9 facilities displayed wetland characteristics, 4 of which had areas classified as jurisdictional wetlands (for definition see Jurisdictional Wetlands Section) for this report. As far as T&E are concerned, 3 facilities have habitat available for the T&E previously recorded within 1 mile of the sites **and** the possibility of T&E species being present. One site included the sighting of a state special concern bird species and reptile species, as well as a state rare (or monitored) snake species (See Summary of Findings; for state listed species definitions see Clarifications: State Listed Species Section).

Threatened and Endangered Species

Three sites have the possibility for the presence of the Blanding's turtle, a state threatened species. The appearance of the turtles on any of these sites would likely be coincidental to the facility location rather than the presence of quality habitat for the species.

MN001, Arden Hills, is located in an area dotted with wetlands and lakes and has had numerous Blanding's turtle sightings adjacent to the property. The property itself also contains 2 small wetland areas but due to the circumstances involved with safe immigration and emigration from the site as well as the overall quality of the wetlands present, the site is not likely to support a resident turtle (see MN001 T&E/Wetlands Sections).

MN002, Brainerd, is a similar circumstance in that the majority of the property would not support the Blanding's turtle but a small portion of the property is associated with a large wetland community which has the potential to support the turtles. Sightings of the Blanding's turtle have never been recorded within this wetland, but the species has been observed in other waterways in close proximity to the aforementioned wetland (see MN002 T&E/Wetlands Sections).

MN0042, Wabasha, has a recorded sighting of a timber rattlesnake in the vicinity of the site. The sighting is very old (1936) and it is very unlikely that the species is still surviving within the area. The site does however, contain habitat that could be used by the species for foraging but would not contain the winter hibernation chambers critical for the species survival (see MN0042 T&E Section).

Two state special concern species were observed at the Mankato Local Training Area (LTA) site (MN019). A Forster's tern (bird species) and a snapping turtle. It is believed that the individual tern was a migrating bird and not of significant importance for the site. A fox snake, a state rare or monitored species, was also observed (see MN019 T&E Section). This is a special leased site and overall management decisions would not likely fall within the 88th RSC's legal rights (see MN019 Management Suggestions).

Wetlands

Nine facilities have wetland characteristics present (MN001, Arden Hills; MN002, Brainerd; MN005, Buffalo; MN018, Mankato; MN019, Mankato LTA; MN032, International Falls; MN042, Wabasha; MN043, Walker; MN072, New Brighton). Only 4 of these sites (MN001, Arden Hills; MN002, Brainerd; MN019, Mankato; and MN043, Walker) were considered to have jurisdictional wetlands present according to field determinations and the Routine Wetland Delineation Criteria (USACE 1987; see Jurisdictional Wetlands Section for definitions and discussion).

Those facilities with wetland characteristics, but which were not considered to harbor jurisdictional wetlands, were due to the following reasons:

MN005, Buffalo, has a new storm water detention pond that has obvious hydrology but no hydrophytic plants or hydric soils.

MN018, Mankato, appears to have previously been a wetland and still displays the hydric soil characteristics, but the area is now drained by a man-made structure and no hydrophytes are present.

MN032, International Falls, also appears to have been modified from a wetland into a developed area. It has several wet roadside ditches which meet the 3 wetland criteria, but the majority of the site would no longer meet the jurisdictional wetland classification.

MN042, Wabasha, displays the hydrophytic and hydrological criteria but the soils present are not hydric in nature.

MN072, New Brighton, incorporates a series of drainage ditches, which display wetland characteristics, but due to the man-made origins and the lack of natural wetlands in close proximity to them, they would not likely be considered jurisdictional wetlands.

The remaining 8 properties were evaluated, and due to a lack of suitable characteristics, are within environmental compliance regulations pertaining to T&E and Wetlands.

Summary of Findings

By Facility Code

	Jurisdictional Wetland Present	Wetland Characteristics Present	T&E Possible (though none found)	T&E Habitat Present
MN001 Arden Hills	X	X	X	X
MN002 Brainerd	X	X	X	X
MN004 Buffalo				
MN005 Buffalo New		X		
MN011 Duluth	X	X		
MN014 Faribault				
MN015 Fergus Falls				
MN018 Mankato		X		
MN019 Mankato LTA	X	X	X**	
MN032 Intnat' Falls		X		
MN034 St. Joseph				
MN035 St. Joseph Land				
MN036 Fort Snelling				
MN042 Wabasha		X		X
MN043 Walker	X	X		
MN045 Winona				
MN072 New Brighton		X	X	

** Species observed on site

Clarifications:

The following sections have been included to clarify the material compiled in this report.

Plant Nomenclature

The scientific plant names listed in this report follow the taxonomic names assigned by the National List of Scientific Plant Names, Volume I and Volume II (United States Department of Agriculture (USDA) 1982a and 1982b).

T&E (Threatened and Endangered) Species and Wetlands Sections

For easy observation of the reader, several check boxes and lists have been incorporated into the T&E and Wetlands Sections of the facility text. If a box has been left without an "X" then the facility does not meet the criteria. For example; "T&E Habitat Present " will include an "X" in it when there appears to be a minimum amount (or greater) of suitable habitat (for a specific species to survive) present on a given site. The "Hydric Soils, Hydrophytic Plants, and Hydrology" boxes and lists represent a quick overview of the Jurisdictional Wetland characteristics present on a site. Note that all three of the criteria must be met (have an "X" in the check box) in order for the area to be considered a wetland for jurisdictional purposes (see the Jurisdictional Wetland Section).

Table 1 and Table 2

Each facility T&E section includes a Table 1 and a Table 2. These tables indicate the previously observed state or federally listed T&E recorded by the MNFI (1998). Table 1 lists those species previously recorded within the same section as the facility. Table 2 lists those species previously recorded within a 1 mile radius of each facility. A species with multiple recorded sightings may be listed within both Table 1 and Table 2. This would occur for a species which was observed within the same section as the facility and outside of the same section as the facility, but still within a 1 mile radius of the facility. Species with multiple recorded sightings were also listed according to the most recent date of observation, in order to reduce repeated listings within Table 1 and within Table 2. Therefore the two tables together list all of the species previously recorded within a 1 mile radius of the facility. They were presented in this fashion due to the fact that the closer the previous observation of a species was to a facility (in/for example (i.e.), within the same section), the higher the probability that the species would be found on the site (especially with regard to less mobile species). As well as the locality, the more recent the observation of a species, the more likely a reoccurring observation will be made.

Threatened and Endangered Species

Federally Listed Species

The United States (U.S.) Department (Dept.) of Interior - Fish and Wildlife Service was consulted with regard to federally listed T&E concerns within a 1 mile radius of each USAR site. A letter from the USFWS, Appendix D, notes that there are **no federally** listed T&E, or critical habitats for federally listed species, recorded within a 1 mile radius of the facilities.

Tables 1 and 2, for each site, incorporate those federally listed T&E previously recorded within a 1 mile radius of each site.

State Listed Species

The MN DNR is currently conducting a county by county Biological Survey to inventory all of Minnesota's rare natural features. Much of the state has not been completed yet but some time in the near future county maps will be available depicting areas, which harbor elements of interests. Contact should be made on a yearly basis in order to keep track of any new significant findings near the USAR facilities as these surveys are completed (see Personal Communications (pers. comm.) MN DNR). Any revisions to the MN Natural Heritage Program Database would **not likely** affect the results of this report or create new concerns on the facilities. It is suggested though, that species added to the MN list, or which increase in status to Threatened or Endangered, be evaluated for there likelihood to exist on these sites if they have not already been noted in this report. The following definitions pertain to MN State listed T&E (MN DNR 1998):

Endangered (END)- if the species is threatened with extinction throughout all or a significant portion of its range within Minnesota.

Threatened (THR)- if the species is likely to become endangered within the foreseeable future throughout all or a significant portion of its range within Minnesota.

Species of Special Concern (SPC)- if, although the species is not endangered or threatened, it is extremely uncommon in Minnesota, or has unique or highly specific habitat requirements and deserves careful monitoring of its status. Species on the periphery of their range that are *not listed as threatened* may be included in this category along with those

species that were once threatened or endangered but now have increasing or protected, stable populations.

Rare (NON) - species tracked by MN DNR that have no legal status, but they are rare and may become listed if they decline further.'

Legal Interpretation of Responsibilities

To reduce the liability and responsibility of the 88th RSC, if/when state listed species are found on 88th RSC lands, it is suggested that the RSC consult legal guidance on "implied" verses "mandated" regulations. Personal communications between Tim Wilder, Point of Contact for this project at Fort McCoy, and Robert D. Dietz (1998), Environmental Attorney at Fort McCoy, have led to a better understanding of Fort McCoy's "mandated" responsibilities verses those which are "suggested." Some federal lands, **generally speaking**, may not be bound to state regulations pertaining to T&E. The legal responsibilities may be based on several variables, such as: ownership of the site, when the site was purchased, the specifics of interagency Memorandums of Understanding (MOU), the specific status of a species, etcetera (etc.).

This is **not** a legal interpretation or an opinion of what the 88th RSC's responsibilities entail. This information has been included for the purposes of awareness to the 88th RSC that specific interpretations of regulations and laws pertaining to T&E may alleviate some future legal and monetary responsibilities.

Figures

The included NWI Maps and County Soil Survey excerpts depict wetlands and soils by various codes (i.e.; MN001 -Figure (Fig.) 2 and Fig 4; PEMC and 123, respectively). Due to the magnitude of codes used, only the soils or wetlands directly on the properties, or of specific interest, have been defined within the respective facility text. For definitions of those codes depicted, but not defined, the reader should refer to the original source of information.

Ornamental Plantings

The facility diagrams (i.e.; MN002-Fig. 3) include the ornamental plantings as observed during the field visits. Due to the wide variety of ornamental cultivars, and need for time efficiency, the species depicted were "loosely" identified for reference purposes. In other words, a species labeled as *Acer platanoides* (Norway Maple) may actually be *Acer platanoides* 'Cavalier.' For general reference purposes, this is a minor detail. The diagrams for the smaller acreage

facilities depict the ornamental plantings as a circle or hash marked area with number(s) listed within. The corresponding number codes are listed in Appendix C. For example: on a facility diagram (MN002 - Fig. 3), a circle with a number 2 in it refers to *Acer negundo* (Box Elder) in Appendix C.

Jurisdictional Wetlands

Introduction:

Jurisdictional wetlands, for purposes of Section 404 of the CWA and in accordance with the 1992 Energy and Water Development Appropriations Act, are delineated according to a multiparameter method outlined in the *Corps of Engineers Wetlands Delineation Manual*, Technical Report Y-87-1, January 1987, Final Report, prepared by the USACE. Delineation determinations discussed in this report follow the Routine Determination outlined in the aforementioned manual.

For readers unfamiliar with wetland delineation, and applicable terminology, the following section has been incorporated. This information has been paraphrased or quoted from the *Corp of Engineers Wetlands Delineation Manual* and is **not a comprehensive description or definition of terms**, for such purposes the reader should refer directly to the Manual.

Wetlands are defined as:

'Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.'

In order to define an area as wetland, three criteria must be met. The criteria involve the presence of **hydrophytic vegetation**, **hydric soil characteristics**, and evidence of **hydrology**. **Generally speaking**, the area must include water loving plants, soils formed under at least periodic saturation, and the presence of sufficient water levels (above or below the soil surface) to influence the previous two criteria.

Hydrophytic Vegetation:

Definition:

Hydrophytic vegetation refers to macroscopic plants able to survive in an environment at least periodically saturated during the growing season due to morphological, physiological, or reproductive strategies. Saturated areas inflict special stress upon plants due to the influences of water upon the plant and low oxygen levels present in the root zone. Species adapted to overcome these stressors have become dependent upon, or are more likely to be present in, this type of environment.

For delineation purposes, emphasis is focused on plant species which dominate or 'influence control over' the plant community present. The dominant species are identified by various techniques such as: the sheer number of individuals; the overall percentage of solar energy blocked by a specific species; etc... For example, a one acre wetland may have only 10 mature oak trees present, but the large canopies, together, shade up to 60 % of the area (the trees are few in number, but greatly influence the area); or in the same one acre wetland there may be thousands of cattails (each individual is small in size, but by their relative numbers shade out or greatly influence the ability of other plants to prosper). Based on this, an area in question may have 50 species present, but only 5 or 10 species dominate the community.

These 5 or 10 species are noted and then each is categorized using technical guides published by the USFWS. The guides consist of a list of wetland associated plants divided into five categories. The categories are based upon the estimated probability of a species occurring **in a wetland** versus a **nonwetland** environment throughout the geographical distribution of the species. For example, a plant categorized as *Facultative Wetland*, 'has an estimated 67-99% probability of occurring in a wetland, but is occasionally found in nonwetlands.' The *National List of Plant Species That Occur in Wetlands: North Central (Region 3)*, Biological Report 88 (26.3) (Reed 1988) was the reference used for this report.

Each of the dominant species is classified according to the list and the number of species most often associated **with wetlands** are weighed against the number of species most often associated with **nonwetlands**. For example, 9 dominant species are observed: 5 of the 9 are considered wetland associates and 4 are considered nonwetland associates. Over 50% of the total dominants are associated with wetlands and therefore the vegetative community is considered hydrophytic.

Hydric Soils

Definition:

'A soil that is saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions that favor the growth and regeneration of hydrophytic vegetation.'

Initial Determinations

The USDA - Natural Resources Conservation Service (NRCS) compiles lists of soils categorized as 'hydric' (NRCS 1991) based on the criteria outlined by the National Technical Committee for Hydric Soils (NTCHS). They also publish Soil

Surveys for most counties. The Soils Surveys are a compilation of: maps which delineate soils by taxonomic types (called series); descriptions of each soil series and the characteristics associated with them; as well as information on various management practices related to each series.

The hydric lists, in cooperation with available County Soil Survey maps (ie: MN002 - Fig. 4), may be used to determine if a hydric soil is present at a particular site. If a county soil map indicates a specific type of soil is present on a site, and the *Hydric Soils List* categorizes this soil as hydric, then on site verification must be made to ensure that the soils on the premises match the description of the soil outlined by the county soil survey map.

On Site Determinations

The characteristics of a soil are influenced by the material, organic or inorganic, it was formed from and by the affects climate and living organisms impose upon the material over time. Soils formed under anaerobic (oxygen deficient) conditions, due to periods of saturation, are exposed to physical and chemical property changes not usually shared by other soils. The chemical and physical changes leave common tell tale signs which can be used as indicators to classify soils as hydric or nonhydric.

The Routine Determination for wetland delineation uses several of these indicators to classify whether the soil is hydric or not:

Non-Sandy Soils

For non-sandy soils the indicators include; a specific percentage of organic material in the upper layers of a soil (indicates soils like peats and mucks); presence of a strong sulfur (rotten egg like) odor emitted from the soil; a chemical reduction of iron from the solid to soluble state detected through a ferrous iron test (not used for this report); soils that appear gray, greenish, or bluish in color (gleying); soils with bright mottles (specks or blotches) contrasting from the dominant soil color and/or a soil which is dominated by a color of low color strength (chroma); and iron or manganese concretions, described as soft black or brown masses, within the upper layers of the soil.

Sandy Soils

Those soils containing a high percentage of sand are categorized as hydric by the following indicators: high organic matter accumulated at the surface layer of the soil; the presence of dark streaks of organic matter within the sand layers; or the presence of an organic pan. Organic pan refers to a thin, horizontal layer of sand glued or cemented together by accumulated organic matter at the (usual) level of the ground water below the soil surface.

Wetland Hydrology

Hydrology - Definition:

'A science dealing with the properties, distribution, and circulation of water on the surface of the land, and in the soil and underlying rock, and in the atmosphere (Merriam-Webster, 1985)'

Wetland Hydrology - Definition:

'...all hydrologic characteristics of areas that are periodically inundated or have soils saturated to the surface at some time during the growing season. Areas with evident characteristics of wetland hydrology are those where the presence of water has an overriding influence on characteristics of vegetation . . .'

Hydrology can be considered to be one of the most difficult criteria to evaluate due to variations in form and presence. An area inundated by "above average" precipitation may appear to be a wetland but during an "average year" the area may appear to be "dry". A similar area may appear to be "dry" during a year or season of drought and may be overlooked as a likely wetland. The presence or absence of water, above the soil surface, is not the most reliable indicator of "normal" hydrology. Other indicators can be used in order to better determine the normal hydrological patterns.

These indicators include: data recorded on precipitation, ground water levels, stream or tidal measurements, etceteras (etc.)... collected by state, county, local or other agencies or organizations; the presence of saturated soils below the soil surface, uncovered through soil probing; watermarks or stains on the trunk of trees, stems of shrubs, or other objects created by previously higher water levels; deposits of sediment, debris, and other materials along directional waterways (like streams) which may create a visually observable line called a 'drift line'; sediment deposits or coatings left on vegetation, the ground surface, or other objects as the water level recedes; drainage patterns in lower lying areas created from the movement of water runoff across the grounds surface and into an adjacent body of water such as a stream; the presence of morphological adaptations by the vegetation, such as buttressed, swollen, or exposed roots; and many other signs.

Discussion

A wetland, for classification purposes, does not have to meet a specific size. If all three of the above criteria are met, then under 'normal circumstances', the area may be defined as a jurisdictional wetland. In cases in which normal circumstances do not exist further evaluation and study may be necessary to conclude the classification of the area in question. The size or area of a

jurisdictional wetland is only important when obtaining permits for the purposes of draining, filling, or dredging the wetland.

Though the *Corps of Engineers Wetlands Delineation Manual* is the guide for delineating wetlands, there is some subjectivity involved in the decision making process. Areas such as road ditches or similar waterways which display characteristics of a wetland but are isolated from other larger or more “natural” wetland areas may often **not** be considered a jurisdictional wetland (Personal Communication (pers. comm.) Bruce Norton 1998). For the purposes of this report subjective decision making was used in classifying wetland areas that seemed “abnormal” or man-made. Road side ditches and lawn drainages were not, in many cases, considered to be jurisdictional wetlands, but the characteristics for these areas were included in order for evaluation by other professionals.

It should be noted that the NWI Map classification of wetlands varies from the USACE Delineation classifications for ‘Jurisdictional Wetlands’. The NWI classifies wetlands according to the Cowardin System for delineation decisions, therefore wetlands listed on the NWI Map are not necessarily a ‘Jurisdictional Wetland.’ Some smaller wetlands may not appear on the NWI Maps or the County Soil Surveys due to the minimum mapping sizes used for the respective delineations. In such cases, field investigations may have identified wetland areas which do not appear on the NWI Map or County Soil Survey Figures.

MN014

GENERAL BEEBE USARC

LOCATION

County: Rice **Acreage:** 4.0

Address: 2119 Highway 60

Fairbault

55021-4891

Township

110N

Range

21W

Section(s)

36

GENERAL DESCRIPTION

Type of Training: Classroom, administrative, and vehicle maintenance

Using Units: 417th Maintenance Co

of Buildings: 2 **Type of Buildings:** USARC and OMS

Ownership: U.S. Government

General Description:

This facility is south of the Canon River, just off of Hwy 60, in west-central Fairbault (Fig. 1 and Fig. 2). The property is entirely maintained and consists of a large USARC (Photo 1), an OMS, and a MEP area (Photo 2), with 2 POV parking lots (Fig. 3). The entire southern one-half of the property is enclosed within an 8 ft high chain linked fence topped with barbed wire. The adjacent properties include: a park to the south and southeast; a frontage road and Hwy 60 to the north, light industrial businesses to the southwest; and service oriented businesses to the west and east. A small parcel of unknown ownership, on the western side of the property, has overgrown the facility fence line with trees and shrubs. Currently, it represents a security risk and the facility manager, Ray Wolf, has been working to find the owner in order to correct the problem (pers. comm. 1998).

*See Appendices A, B, or C (respectively) for lists and scientific names of plants, birds, or ornamental plants observed at each site.

**T & E
SPECIES**

T & E Species Present:

T & E Habitat Present:

T & E Information:

There were no T&E observed here and the habitat needed to support the T&E previously observed within a 1 mile radius of the facility (MN DNR 1998) is not present.

Table 1

****Previous observations of T&E within the same section as Facility**

Common Name	Scientific Name	Type	Date	MN Status	Federal Status
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None

Table 2

****Previous observations of T&E within 1 mile of Facility**

Common Name	Scientific Name	Type	Date	MN Status	Federal Status
MUCKET MUSSEL	ACTINONAIAS LIGAMENTINA	MUSSEL	1987	THR	
WOOD TURTLE	CLEMMYS INSCULPTA	REPTILE	1984	THR	
SPIKE MUSSEL	ELLIPTIO DILATATA	MUSSEL	1987	SPC	
RATTLESNAKE-MASTER	ERYNGIUM YUCCIFOLIUM	VASCULAR PLANT	1984	SPC	
DWARF TROUT LILY	ERYTHRONIUM PROPULLANS	VASCULAR PLANT	1990	END	LE
AMERICAN GINSENG	PANAX QUINQUEFOLIUS	VASCULAR PLANT	1990	SPC	

****Table Information obtained from MN DNR 1998**
MN Status: END = Endangered; THR = Threatened;
 SPC = Special Concern; NON = Rare
Federal Status: LE = Endangered; LT = Threatened; P = Potential T&E

WETLANDS

Verified Wetland(s) on Facility:

Wetland(s) according to NWI Map: None

Hydric Soils

Hydrophytic Plants

Hydrology

***Must Meet (X) all three of the above to be considered a jurisdictional wetland

Wetland Description:

There are no wetland characteristics present on this property.

MANAGEMENT SUGGESTIONS

T&E:

There are no suggestions at this time.

Wetland:

There are no suggestions at this time.

VISITATION

Date(s) 11 June, 1998

Time(s): 15:00

Weather: Light rain

Temperature: 68 °F

Other Notes:

None

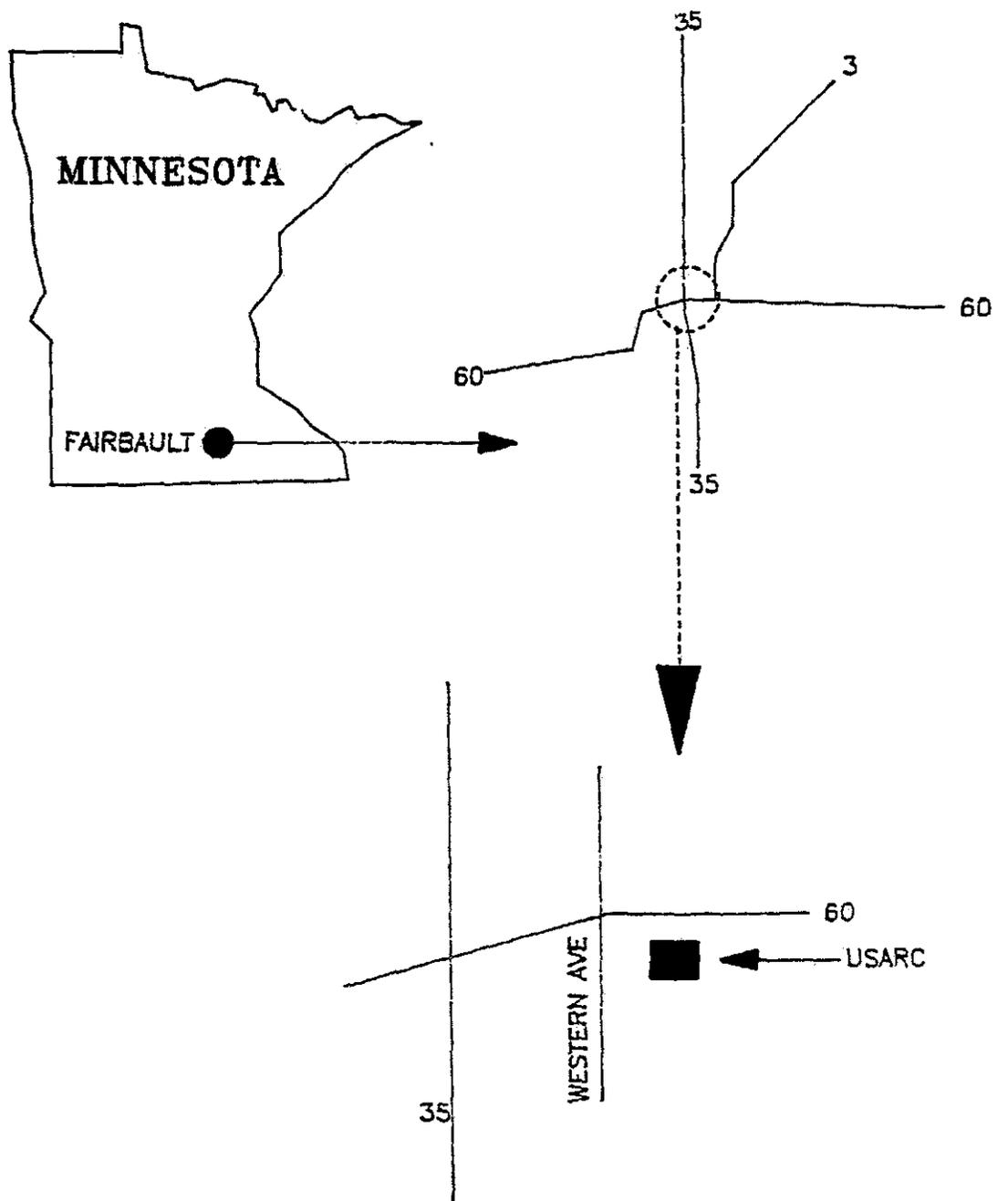


Fig. 1: MN014 - Gen Beebe USARC located on a State Map, General Road Map, and Specific Road Map.



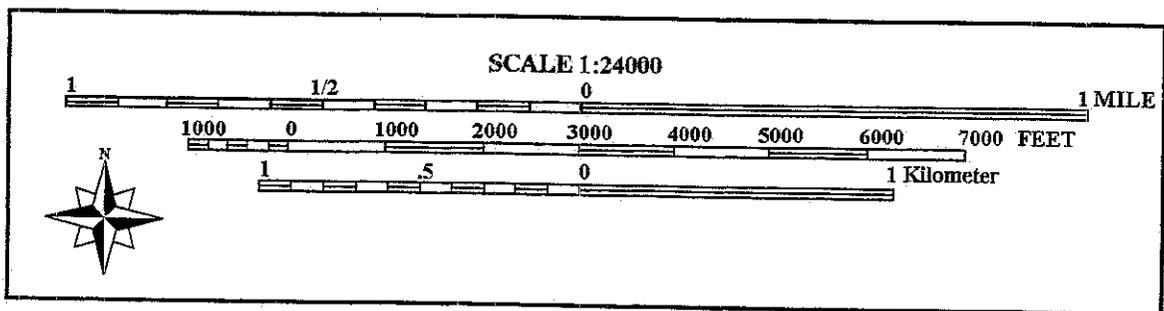
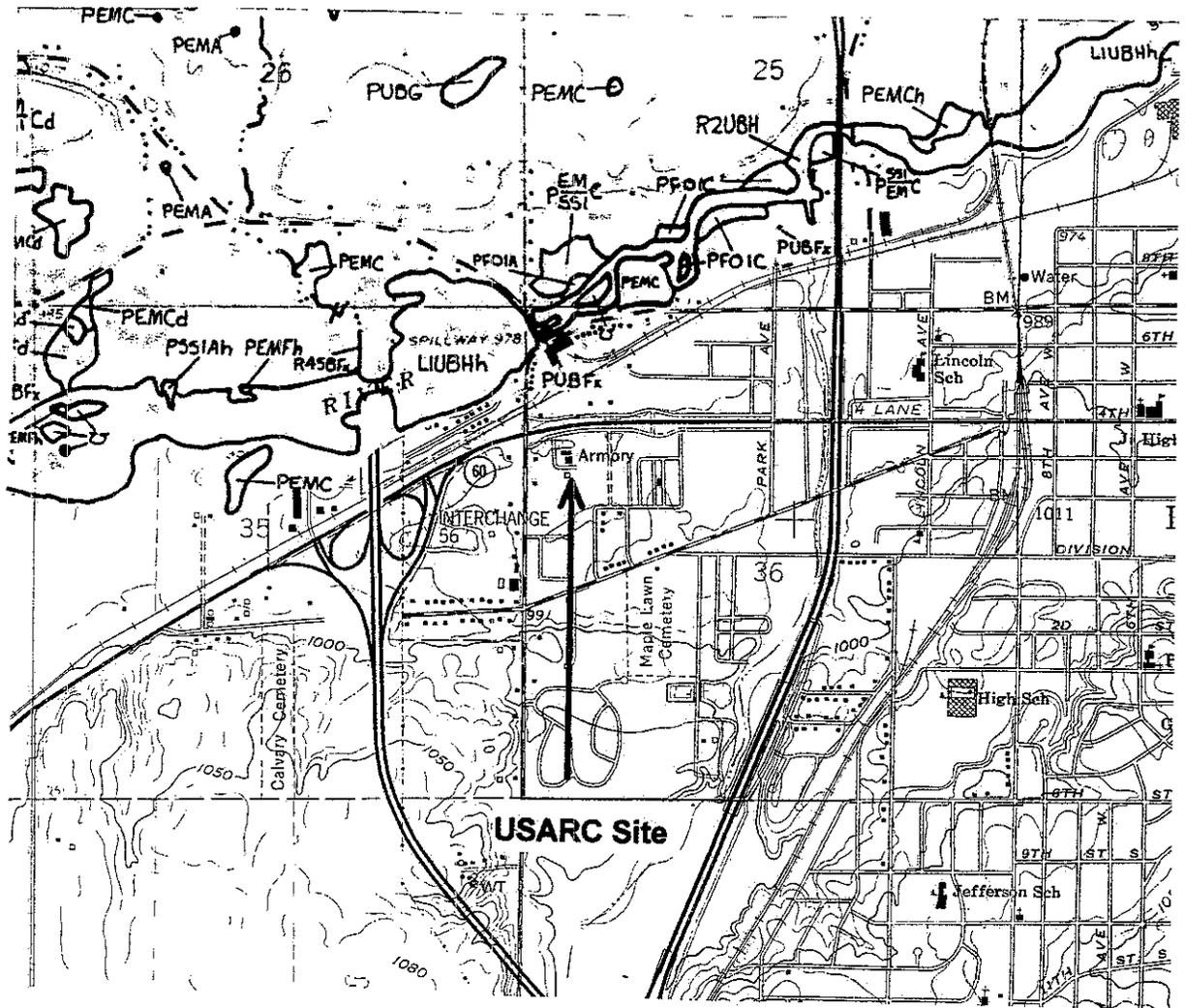


Fig. 2: MN014 - Gen Beebe USARC located on a compilation of the Fairbault NWI Map and the Fairbault Topographic Map (U.S. Department of the Interior 1990, USGS 1991).

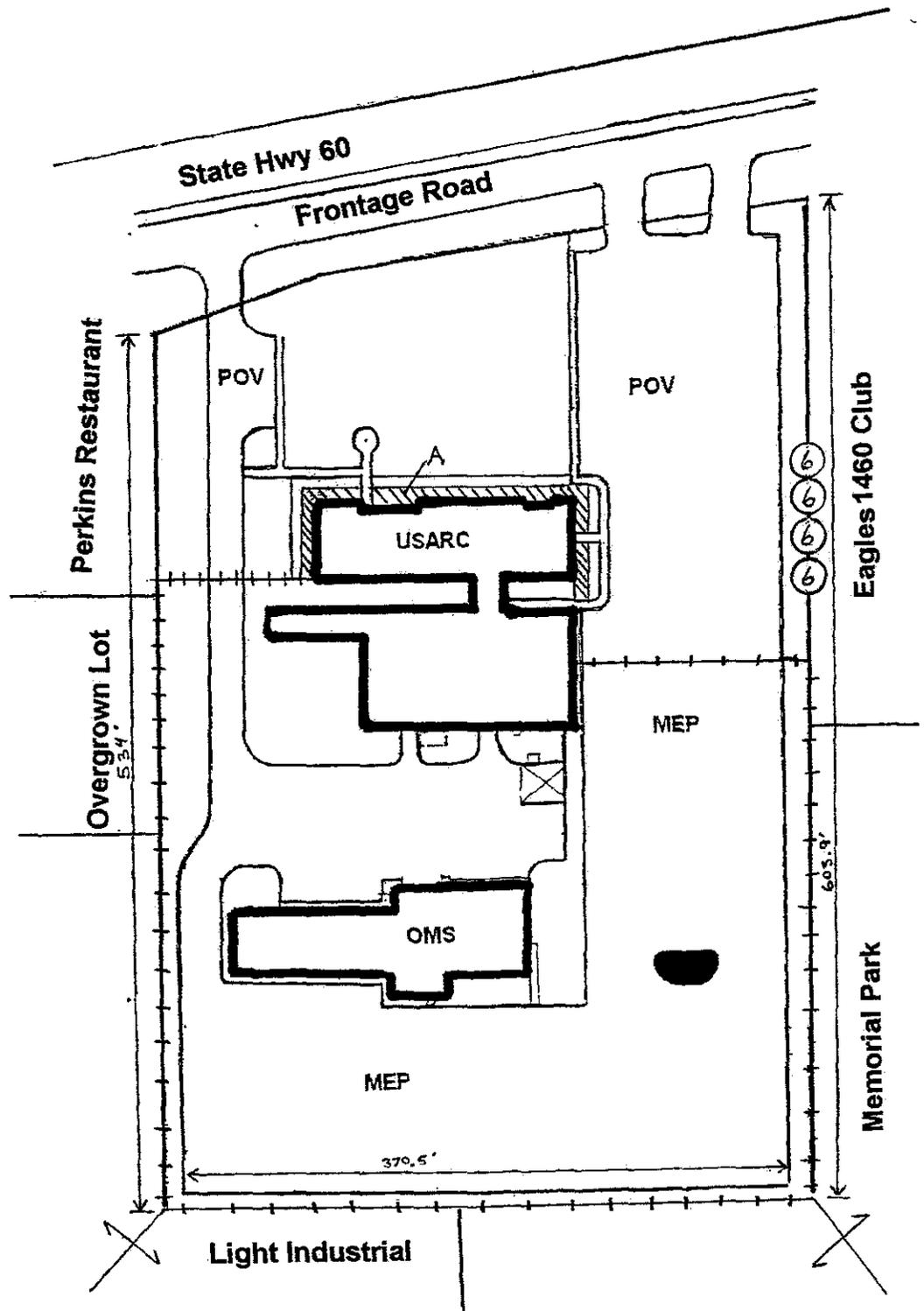


Fig. 3: MN014 - Gen Beebe USARC. Diagram depicting property layout, boundaries, adjacent properties, and ornamental plantings (Modified from drawing received from Ray Wolf no date). Letter "A" denotes ornamental numbers - 17, 18, 22, 38, 48, 60, 61, 62, and 64).



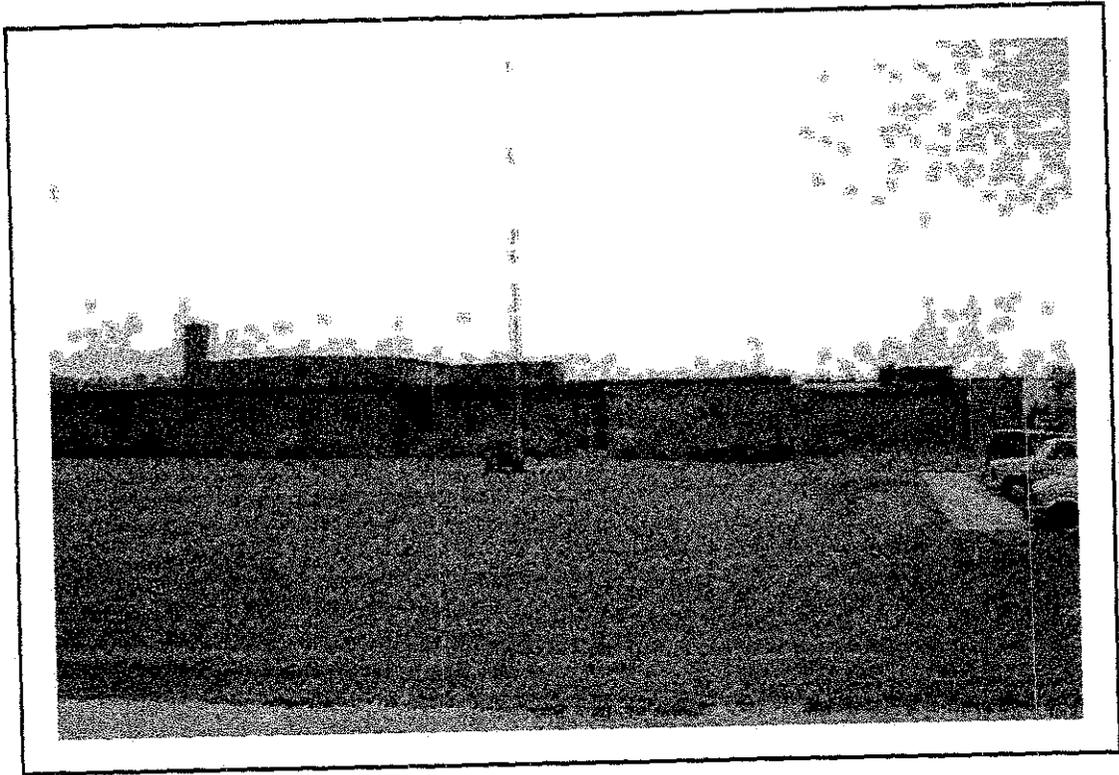


Photo 1: MN014 - Gen Beebe USARC. Front of the USARC Facility, taken from the Frontage Road (Fig. 3), looking to the south.



Photo 2: MN014 - Gen Beebe USARC. View of the MEP area, taken from Memorial Park looking to the west.

AFRC-CMN-EN (200-1)

22 September 2000

MEMORANDUM : Engineer, 88th Regional Support Command (RSC)

SUBJECT: Internal Environmental Assessment of the General Beebe Memorial United States Army Reserve Center (USARC) Facility Identification Number: MN014
Facility Manager: Mr Mark Green

Mr. Steven M. Bragg completed an internal environmental assessment of the Faribault USARC on 20 September 2000. During the assessment, the hot mission Coordinator, CWO4 Kurtzweil, the Operations and Training Sergeant SFC Brill and the Motor Sergeant, SSG Glassburn were interviewed. The facility is home for about 100 drilling reservists and 7 full-time employees. The unit at this center is the 417TH Maintenance CO. The main USARC building is a one-story, brick structure with a detached single story, brick Organizational Maintenance Shop (OMS) and AMSA #111. AMSA #111 was not part of this assessment.

Army Regulation 200-1 requires that USAR facilities receive an internal assessment at the midpoint of the external assessment 4-year cycle. In addition, the 88TH RSC requires an annual internal inspection on all facilities not receiving an external inspection during that year cycle. The 416th Facility Engineering Team conducted the last Environmental Compliance Assessment System inspection in 1998.

This internal assessment consists of reviewing facility files at the RSC, interviewing facility personnel, touring the facility, documenting findings, and summarizing the assessment with an educational report. This report should be printed by the facility and used to take corrective actions of the findings and placed in the facility environmental files, when the corrective actions are complete.

The following is a list of findings noted during the assessment:

Environmental Personnel. SSG Glassburn is the acting environmental coordinator/hazardous waste officer for the facility and will be designated by the Company Commander in the future.

Hazardous Material and Spill Training. At the time of the inspection, SSG Glassburn holds a current hazardous material hazardous waste training certificate.

Facility Plans. The facility did not have a hazardous materials spill plan. To correct this situation, Mr Bragg will send an electronic copy that can be completed and customized to the facility. Once the plan is complete, all soldiers working with hazardous materials need to be trained.. A pest management plan is located at the RSC.

Please note that Mr. Bragg can be reached through the 88TH RSC Staff Duty Officer (SDO) 24 hours a day at 1-800-843-2769, extension 3522, SDO Pager 1-800-385-3660, SDO Cell phone (612) 618-3047 for guidance on spills or other environmental emergencies. Mr. Bragg must be contacted immediately after every spill so he can determine if a reportable quantity has been released. Reportable quantities for each substance differ. If a reportable quantity of a substance is exceeded, the RSC must report it to the Minnesota Pollution Control Agency must be within 24 hours.

Air Concerns: Asbestos, Lead, and Radon. Mr Bragg was able to locate an asbestos survey for the facility and noted that almost all of the identified asbestos containing material (ACM) was in good condition. Some friable ACM was observed in the men's restroom. Mr. Bragg will notify the FMT for repairs. In addition, the ACM was not labeled. This facility has an indoor firing range that was closed by the RSC. Radon testing conducted in 1990 and again in 1992 by Ft. McCoy. The test in 1990 indicated four areas tested above the action level of 4 picoCuries per liter. The testing conducted in 1992 resulted in no readings above the action level. Additional testing will be conducted this winter.

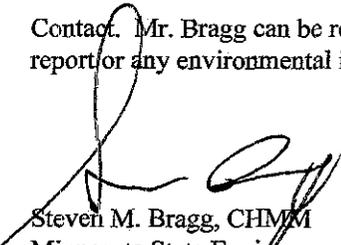
PCB Concerns. During the inspection, Mr. Bragg observed a pad mounted electrical transformer on the facility. There were no labels regarding the presence (or the lack of) PCBs.

Hazardous Material/Waste Inventory. The unit did not have a hazardous material inventory or the corresponding MSDSs. Hazardous waste has not been shipped in the last few years, subsequently a hazardous waste inventory was not available during the inspection. During the inspection, not all hazardous materials were stored properly. Mr. Bragg identified all hazardous materials and facility personnel corrected the situation. Excess hazardous material was present and should be turned in to DRMO for disposal. Mr. Bragg has scheduled a return visit for October 11, 2000 to assist the facility with this task.

OMS/MEP. Mr. Bragg toured the OMS and surrounding property. Drip pans were not observed under vehicles in the MEP. Mr. Bragg will provide the unit with information to purchase the pans and any petroleum-contaminated water collected in the pans can be drummed for disposal.

Recycling Program. The facility has an active recycling program.

Contact. Mr. Bragg can be reached at (612) 713-3802 if there are any questions or concerns about this report or any environmental issues.



Steven M. Bragg, CHMM
Minnesota State Environmental Manager
TAD-PGS

CC: Mark Buck, Chief, 88th RSC Environmental Division
Mark Green, Facility Manager, Faribault USARC
CWO4 Kurtzweil, Hot Mission Coordinator, Faribault USARC
SSG Glassburn, Motor Sergeant, Faribault USARC

MN014

AFRC-CMN-EN (200-1)

22 September 2000

MEMORANDUM : Engineer, 88th Regional Support Command (RSC)

SUBJECT: Internal Environmental Assessment of the Area Maintenance Support Activity (AMSA) 111,
Facility Identification Number: MN014
Shop Supervisor: Mr. Charles Gaasedelen

Mr. Steven M. Bragg completed an internal environmental assessment of AMSA 111 on 20 September 2000. During the assessment, Mr. Gaasedelen, the Work Leader, Mr. Glen Wegner and a mechanic Mr. Chris Trebelhorn were interviewed. The facility is home for 5 full-time employees. The AMSA shop is a tenant on the facility and is collocated in the same building as the Faribault USARC Organizational Maintenance Shop, which is a one-story, brick structure. The USARC was not part of this assessment.

Army Regulation 200-1 requires that USAR facilities receive an internal assessment at the midpoint of the external assessment 4-year cycle. In addition, the 88TH RSC requires an annual internal inspection on all facilities not receiving an external inspection during that year cycle. The 416th Facility Engineering Team conducted the last Environmental Compliance Assessment System inspection in 1998.

This internal assessment consists of reviewing facility files at the RSC, interviewing facility personnel, touring the facility, documenting findings, and summarizing the assessment with an educational report. This report should be printed by the facility and used to take corrective actions of the findings and placed in the facility environmental files when the corrective actions are complete.

4. A list of findings noted during the assessment follows:

Environmental Personnel. Mr. Trebelhorn has been tasked with the additional duty of hazardous waste Manager for the facility.

Hazardous Material and Spill Training. At the time of the inspection, Mr. Glen Wegner holds a current hazardous material/hazardous waste training certificate.

Facility Plans. The facility has a hazardous materials spill plan, but it was an older version. Mr. Bragg will send an electronic copy of the current version. Once the plan has been updated, all soldiers working with hazardous materials need to be trained. A pest management plan is located at the RSC.

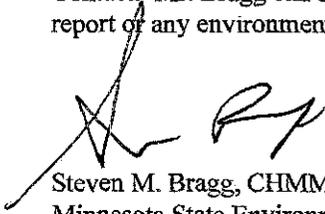
Please note that Mr. Bragg can be reached through the 88TH RSC Staff Duty Officer (SDO) 24 hours a day at 1-800-843-2769, extension 3522, SDO Pager 1-800-385-3660, SDO Cell phone (612) 618-3047 for guidance on spills or other environmental emergencies. Mr. Bragg must be contacted immediately after every spill so he can determine if a reportable quantity has been released. Reportable quantities for each substance differ. If a reportable quantity of a substance is exceeded, the RSC must report it to the Minnesota Pollution Control Agency must be within 24 hours.

Air Concerns: Asbestos, Lead, and Radon. As a tenant of the USARC facility these concerns are reviewed and assessed during that ICAS.

Hazardous Material/Waste Inventory. The unit have a hazardous materials inventory, but it was not complete. In addition, it was not apparent if MSDSs for all the materials was available. Hazardous waste has not been shipped in the last few years, subsequently a hazardous waste inventory was not available during the inspection. During the inspection, not all hazardous materials were stored properly, open containers and containers without labels were observed. Mr. Bragg identified the discrepancies to Mr. Wegner for corrective actions. Mr. Bragg is scheduled to return to the facility on October 11, 2000 and can provide any necessary assistance that may be needed.

Recycling Program. The facility has an active recycling program.

Contact. Mr. Bragg can be reached at (612) 713-3802 if there are any questions or concerns about this report or any environmental issues.

A handwritten signature in black ink, appearing to read 'S. Bragg', is written over a horizontal line.

Steven M. Bragg, CHMM
Minnesota State Environmental Manager
TAD-PGS

CC: Mark Buck, Chief, 88th RSC Environmental Division
Mr. Charles Gaasedelen, Shop Supervisor, AMSA #111,



DEPARTMENT OF THE ARMY
HEADQUARTERS, 88th REGIONAL SUPPORT COMMAND
506 ROEDER CIRCLE
FORT SNELLING, MN 55111-4009

REPLY TO
ATTENTION OF

AFRC-CMN-EN (200)

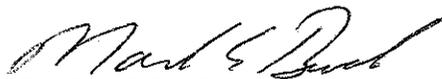
6 July 2001

MEMORANDUM FOR 88th Regional Support Command (RSC) Facility Managers and Facility Coordinators

SUBJECT: Cultural Resources Survey

- 1 Please review and file the attached Cultural Resource Survey (Section 110 Survey) in the Cultural Resource Section of your Facility Environmental Files. This is a permanent facility record.
- 2 The 88th Regional Support Command (88th RSC) contracted the Fort McCoy Archaeology Laboratory (FMAL) to conduct a historic property inventory, under the provisions of Section 110 of the National Historic Preservation Act (NHPA), of United States Army Reserve Command (USARC) facilities owned or leased by the 88th RSC. This survey describes the recordation methods, physical descriptions, evaluation criteria, and the eligibility for nomination to the National Register of Historic Places (NRHP) for this property. Information contained in this survey also includes an explanation of the sources used in preparation of the survey.
- 3 The exterior of each building, structure, and object located on the USARC facility was photographed. Comprehensive views and unique architectural elements of each building were photographed in 35-mm black and white format and digital format. The 35-mm black and white photos are located at the 88th RSC Engineering Directorate. The survey and the digital photos are located on the Engineering public drive.
- 4 No additional review under the Section 110 of the NHPA is currently recommended at this USARC. Additional review will be required when existing building(s) reach the 50-year eligibility requirement for the NRHP or specific undertakings require compliance with Section 106 of the NHPA.
- 5 If you have any questions or require additional information, please contact your State Environmental Manager or the Headquarters Environmental Division at (612) 713-3825.

Enclosure


MARK E. BUCK
Environmental Division Chief

Minnesota Section 110 Inventory

Fort McCoy Cultural Resources Management Series
Reports of Investigation Number 22

Prepared for

U.S. Army Reserve Command
88th Regional Support Command - Directorate of Engineering
Environmental Division
Fort Snelling
Minneapolis, Minnesota

Prepared by

Ted Grevstad-Nordbrock
Jason Tish
Andrea Den Otter
Fort McCoy Archaeology Laboratory
Directorate of Training and Mobilization
Fort McCoy, Wisconsin
August 2000

Editorial Review:

Jason L. Tish
Andrea R. Den Otter
Fort McCoy Archaeology Laboratory
March 2001

THIS DOCUMENT CONTAINS ARCHAEOLOGICAL SITE INFORMATION
INTENDED FOR MANAGEMENT AND PRESERVATION PURPOSES AND
SHOULD NOT BE DISTRIBUTED TO THE PUBLIC WITHOUT PERMISSION
FROM THE MINNESOTA STATE HISTORIC PRESERVATION OFFICER AND
THE DEPARTMENT OF THE ARMY.

Cover: Buffalo USARC, Buffalo, Minnesota

National Historic Preservation Act of 1966, as Amended:
Section 110

"In accordance with subsection 101(F) of the National Historic Preservation Act, the Secretary of the Interior in consultation with the Advisory Council on Historic Preservation, has developed the following guidelines for carrying out Federal agency responsibilities under Section 110 of the Act. Federal Agencies should follow these guidelines in establishing, monitoring, reviewing, and evaluating their programs for compliance with Section 110 of the Act. State Historic Preservation Officers should refer to these guidelines when providing assistance to Federal agencies under Sections 101(b)(3)(E) and (F) of the Act. The advisory Council on Historic Preservation [Council] will use these guidelines, as applicable, and recommend their use to Federal agencies, State Historic Preservation Officers, and others in agreements executed pursuant to Section 106 of the Act and 36 CFR Part 800. The Council will also use these guidelines in its review of Federal agency programs under Section 202(a)(6) of the Act. *Section 110(a)(1)*. "The heads of all Federal agencies shall assume responsibility for the preservation of historic properties which are owned or controlled by such agency. Prior to acquiring, constructing, or leasing buildings for purposes of carrying out agency responsibilities, each Federal agency shall use, to the maximum of the extent feasible, historic properties available to the agency. Each agency shall undertake, consistent with the preservation of such properties and the mission of the agency and the professional standards pursuant to Section 101(f) any preservation, as may be necessary to carry out this section" *Section 110(a)(2)*. "With the advice of the Secretary and in cooperation with the State Historic Preservation Officer for the State involved, each Federal agency shall establish a program to locate, inventory, and nominate to the Secretary all properties under the agency's ownership or controlled by the agency, that appear to qualify for inclusion on the National Register in accordance with the regulations promulgated under Section 110(a)(2)(A). Each Federal agency shall exercise caution to assure that any such property that might qualify for inclusion is not inadvertently transferred, sold, demolished, substantially altered, or allowed to deteriorate significantly" *Section 110(b)*. "Each Federal agency shall initiate measures to assure that where, as a result of Federal action or assistance carried out by such agency, a historic property is to be substantially altered or demolished, timely steps are taken to make or have made appropriate records, and that such records then be deposited, in accordance with Section 101(a), in the Library of Congress or with such other appropriate agency as may be designated by the Secretary, for future use and reference" *Section 100(c)*. "The head of each Federal Agency shall, unless exempted under Section 214, designate a qualified official to be known as the agency's "preservation officer who shall be responsible for coordinating that agency's activities under the Act. Each Preservation Officer may, in order to be considered qualified, satisfactorily complete and appropriate training program established by the Secretary under Section 110(g)." *Section 100(d)*. "Consistent with the agency's mission and mandates, all Federal agencies shall carry out agency programs and projects (including those under which any Federal assistance is provided for any federal license, permit, or other approval is required) in accordance with the purposes of this Act and, give consideration to programs and projects which will further the purposes of this Act." *Section 110(e)*. "The Secretary shall review and approve the plans for transferees of surplus federally owned historic properties not later than ninety days after his receipt of such plans to ensure that the prehistorical, historical, architectural, or culturally significant values will be preserved or enhanced." *Section 110(f)*. "Prior to the approval of any Federal undertaking which may directly and adversely affected any National Historic Landmark, the head of the responsible Federal agency shall, to the maximum extent possible, undertake such planning and actions as may be necessary to minimize harm to such landmark, and shall afford the Advisory council on Historic Preservation a reasonable opportunity to comment on the undertaking" *Section 110(g)*. "Each Federal agency may include the costs of preservation activities of such agency under this Act as eligible project costs in all undertakings such agency or assisted by such agency. The eligible project costs may also include amounts paid by a federal agency to any state to be used in carrying out, such preservation responsibilities of the federal agency under this Act, and reasonable costs may be charged to Federal licensees and permits as a condition to the issuance of such license or permit." *Section 110(h)*. "The Secretary shall establish an annual preservation awards program under which he may make monetary awards in amounts not to exceed \$1,000 and provide citations for special achievements to officers and employees of Federal, State, and certified local governments in recognition of their outstanding contributions to the preservation of historic resources. Such programs may include the issuance of annual awards by the President of the United States to any citizen of the United States recommended for such award by the Secretary;" *Section 110(i)*. "Nothing in this Act shall be construed to require the preparation of an environmental impact statement where such a statement would not otherwise be required under the National Environmental Policy Act 1969, and nothing in this Act shall be construed to provide exemption from any requirement respecting the preparation of such a statement under such Acts." *Section 110(j)*. "The Secretary shall promulgate regulations under which the requirements of this section may be waived in whole or in part in the event of a major natural disaster or an imminent threat to national security."

List of Acronyms

IV Corps	Fourth Army Reserve Corps
AFRC	Armed Forces Reserve Center
AMSA	Area Maintenance Support Activity
AR	Army Regulation
ARCOM	Army Reserve Command
ARNG	Army National Guard
BMA	Base (or Branch) Maintenance Activity
CCC	Civilian Conservation Corps
CFR	Code of Federal Regulations
CMTC	Citizens Military Training Camp
CS	Combat Support
CSS	Combat Service Support
DA	Department of Army
DCCSEN	Deputy Chief of Staff Environmental
EFS	Engineering Feasibility Study
EIS	Environmental Impact Study
EMAAR	Engineer Management Automation Army Reserve
FAC NUM	Facility Number
FMAL	Fort McCoy Archaeology Laboratory
FY	Fiscal Year
HABS	Historic American Building Survey
HAER	Historic American Engineering Record
HQDA	Headquarters, Department of the Army
ICRMP	Integrated Cultural Resource Management Plan
ISSA	Interservice Support Agreement
LTA	Land (or Local) Training Area
MACOM	Major Army Command
MCAR	Military Construction, Army Reserve
MEP	Military Equipment Parking
MSC	Major Subordinate Command
NAVFACENCOM	Naval Facilities Engineering Command
NHPA	National Historic Preservation Act
NRHP	National Register of Historic Places
OCAR	Office Chief, Army Reserve
OMAR	Operations and Maintenance, Army Reserve
OMS	Organizational Maintenance Shop
ORC	Organized Reserve Corps
POC	Point of Contact
POV	Privately Owned Vehicles

REPR	Real Estate Planning Report
ROTC	Reserve Officers Training Corps
RSC	Regional Support Command
SHPO	State Historic Preservation Office
SST	Site Selection Team
USACE	United States Army Corps of Engineers
USAF	United States Air Force
USAR	United States Army Reserve Command
USARC	United States Army Reserve Center
USGS	United States Geological Survey
UTM	Universal Transverse Mercator

Executive Summary

In 1997, the 88th Regional Support Command (RSC) contracted Fort McCoy Archaeology Laboratory, Directorate of Training and Mobilization, Fort McCoy, Wisconsin, to conduct a historic properties inventory of all U.S. Army Reserve Command (USARC) facilities located within the State of Minnesota. The inventory was accomplished in accordance with the provisions of Section 110 of the National Historic Preservation Act (NHPA). A total of 22 USARC facilities were inventoried during this study and buildings at each site were assessed for their eligibility to the National Register of Historic Places (NRHP).

The purpose of the *Minnesota Section 110 Inventory* is to provide a detailed inventory of properties controlled or leased by the 88th RSC. This report provides the 88th RSC with a complete inventory of buildings and features located on individual USARC facilities, and evaluates their potential eligibility for nomination to the NRHP. The bulk of this report contains profiles of individual properties discussing historical information, descriptions of the physical components of each facility, and comprehensive assessments of NRHP eligibility. This document is designed to permit removal of individual facility reports.

Introduction

In 1997, the 88th Regional Support Command (RSC) contracted the Fort McCoy Archaeology Laboratory to conduct a historic property inventory, under the provisions of Section 110 of the National Historic Preservation Act (NHPA), of United States Army Reserve Command (USARC) facilities owned or leased by the 88th RSC. This report describes the recordation methods, physical descriptions, evaluation criteria, and the status of potential eligibility for nomination to the National Register of Historic Places (NRHP) for all properties controlled by the 88th RSC in the State of Minnesota. Information contained in this report also includes an explanation of the sources and informants used to evaluate the actions to nominate properties to the NHRP and recommendations for future NRHP reevaluation.

Preliminary investigations for the inventory included conducting interviews and documentary research at the Minnesota State Historic Preservation Office (SHPO). Members of the Fort McCoy Archaeology Laboratory met with architectural historians and archaeologists to discuss the objectives and methodologies involved with the Section 110 inventory. Historic research needed for the analysis of each USARC facility was conducted at the Minnesota State Historical Society, 88th RSC DSCEN Real Estate Division, county courthouses, and local libraries. Personal interviews were conducted with USARC personnel at each facility. Fort McCoy Archaeology Laboratory investigators consulted the Minnesota Archaeological Sites Index, maintained by the Minnesota SHPO, to determine the location of any known archaeological sites located within a one-mile radius of each USARC facility. Minnesota sites listed on the NRHP were reviewed prior to commencement of fieldwork for the inventory. On-site documentation of USARC facilities was conducted from July through October 1999. Buildings and features associated with USARC facilities that potentially met the criteria for NRHP eligibility were examined and recorded to assess their potential for possible nomination to the NRHP.

Statement of Purpose

The Fort McCoy Archaeology Laboratory Section 110 Inventory of USARC facilities within the State of Minnesota was conducted with methods consistent with the *Secretary of the Interior's Standards and Guidelines for Identification and Evaluation (Standards)*.

The primary goal of the NHPA, according to the *Standards*, is to "preserve prehistoric and historic resources throughout the nation for the inspiration and benefit of present and future generations." In fulfillment of this goal, governmental agencies, within the framework of their missions, are charged with administering federally owned, administered, or controlled prehistoric and historic resources in a spirit of stewardship, and caring for significant prehistoric and historic properties in ways that ensure long-term protection and integrity of those properties.

The *Standards* require agencies to identify, evaluate, and document their historic properties, and nominate them to the NRHP. According to the *Standards*, "identification, evaluation, and documentation of historic properties are critical in the long-term management of historic properties, as well as in program and project specific planning by a federal agency." The *Standards* also require that "the agency manages and maintains its historical properties in ways that preserve the properties' historic, archaeological, architectural, or cultural values," and that "the agency considers historic properties in addition to its own when planning activities that may affect them." Agencies are also required under the *Standards* to develop "a process that identifies and evaluates historic properties in a timely fashion," and "a process that develops and implements agreements regarding the means by which adverse affects on historic properties will be considered." The documentation of historic properties, before they are substantially altered or demolished, and the placement of the documentation in an appropriate repository for future use and research, is also required.

In complying with the requirements of Section 110(a)(2) of the NHPA and the *Standards*, researchers from the Fort McCoy Archaeology Laboratory conferred with the Minnesota SHPO regarding previous

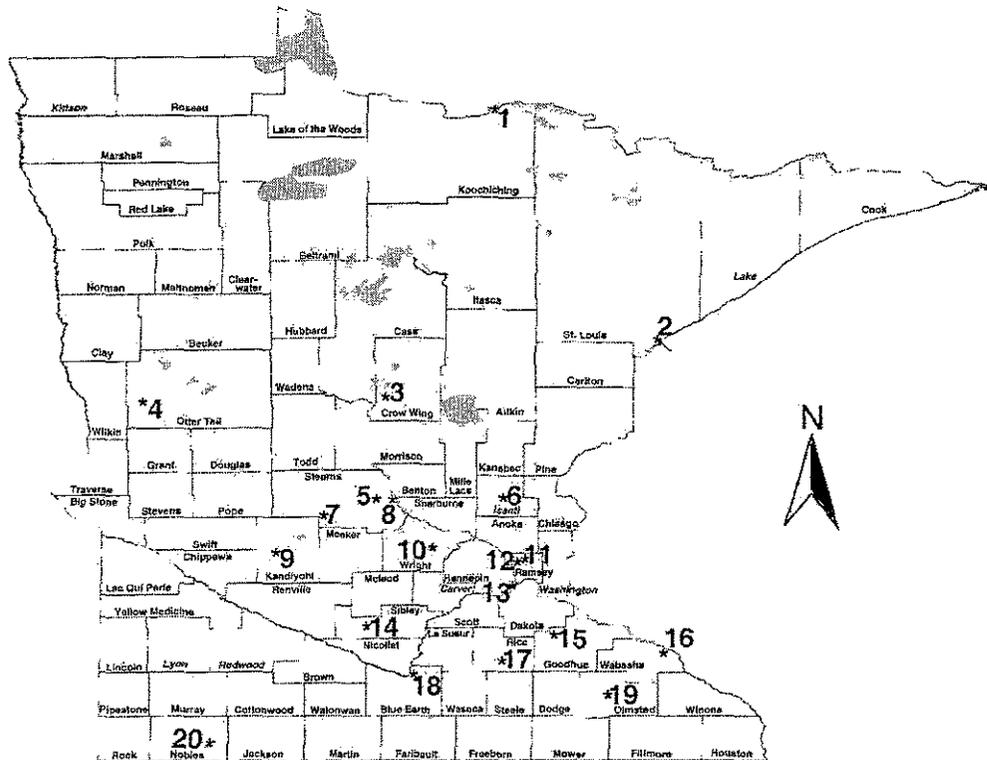
archaeological or historical architectural investigations of U.S. Army Reserve Command properties within the State of Minnesota. No additional information was found for USARC facilities in Minnesota. Discrepancies between existing documentary files about USAR buildings and structures and on-site recordation conducted by members of the Fort McCoy Archaeology Laboratory are discussed in detail within the individual facility sections of this report. All known archaeological sites within a one-mile radius of the USARC facilities were identified on records maintained by the Minnesota SHPO and included in discussions of individual USARC facilities. Historic themes accepted by the Minnesota SHPO were followed in preparation of the historic context and in identifying historic properties.

Fieldwork for the Section 110 Inventory project was conducted by Fort McCoy Archaeology Laboratory personnel and reviewed by a historian who meets the *Secretary of Interior's Professional Qualification Standards* at 36 CFR61. Methods used during on-site recordation of buildings and structures at USARC facilities follow accepted practices within the field of historic research and historic preservation. These included, but were not limited to, the documentation of historic buildings and properties, review of architectural documentation conducted on-site, review of all pertinent historical documentation of historic buildings and properties, review of all pertinent historical documentation, and interviews with facilities managers regarding the properties. A historian who meets the *Secretary of the Interior's Professional Qualification Standards* at 36 CFR61 reviewed the on-site documentation gathered by Fort McCoy Archaeology Laboratory field technicians and assessed the potential eligibility for the NRHP.

Methodology

Members of the Fort McCoy Archaeology Laboratory conducted a formal literature and record search of each property controlled by the 88th RSC (Figure 1). The objective of this search was to establish the historical and archaeological context associated with each USARC facility. Fort McCoy Archaeology Laboratory investigators conducted research the Minnesota SHPO office to obtain information relative to the location of all recorded archaeological sites within a one-mile radius of each USARC facility. All existing archaeological sites found in SHPO files were documented and evaluated in terms of their significance to USARC locations. Additional research was conducted at local historical societies and municipal governments to provide supplementary documentary and cartographic information relevant to the historic context of individual sites.

LOCATIONS OF ARMY RESERVE FACILITIES AND LANDS WITHIN THE STATE OF MINNESOTA



Fort McCoy Archaeology Laboratory 2000

KEY TO NUMBERS

- | | |
|---|--|
| <p>1. INTERNATIONAL FALLS, MN - Koochiching Memorial USARC</p> <p>2. DULUTH, MN - Duluth USARC</p> <p>3. BRAINERD, MN - Terrence A. Peterson USARC</p> <p>4. FERGUS FALLS, MN - Erving L. Peterson Memorial USARC</p> <p>5. ST. JOSEPH, MN - AMSA #101 & Land for Future USARC</p> <p>6. CAMBRIDGE, MN - Cambridge Memorial USARC</p> <p>7. PAYNESVILLE, MN - Paynesville USARC</p> <p>8. ST. CLOUD, MN - St. Cloud AFRC</p> <p>9. WILLMAR, MN - Willmar Memorial AFRC</p> <p>10. BUFFALO, MN - Buffalo USARC</p> | <p>11. ARDEN HILLS, MN - Arden Hills USARC</p> <p>12. NEW BRIGHTON, MN - TCAAP USARC</p> <p>13. FORT SNELLING, MN - Fort Snelling USARC</p> <p>14. WINTHROP, MN - Henry H. Sibley Memorial USARC</p> <p>15. CANNON FALLS, MN - Cannon Falls USARC</p> <p>16. WABASHA, MN - Wabasha Memorial USARC</p> <p>17. FARIBAULT, MN - GEN Beebe USARC & AMSA #111</p> <p>18. MANKATO, MN - Mankato Memorial USARC & LTA</p> <p>19. ROCHESTER, MN - Rochester AFRC</p> <p>20. WORTHINGTON, MN - Worthington Memorial USARC</p> |
|---|--|

Figure 1. Locations of Army Reserve facilities and lands within the State of Minnesota.

Architectural Study Methods

The architectural survey undertaken by members of the Fort McCoy Archaeology Laboratory was conducted using guidelines published by the Historic American Building Survey (HABS). Data represented in this report was collected with methods that includes:

- 1) a literature review of the historic documents relating to the construction and maintenance of each building on the USARC facilities;
- 2) an architectural evaluation of the potential NRHP eligibility of each building on the USARC facilities; and
- 3) a surface reconnaissance of land associated with each USARC facility to determine land use of each USARC facility

The historic themes used to evaluate the historic contexts associated with the properties analyzed in this inventory were taken with consideration to guidelines published by the Minnesota SHPO. The results of the historical and architectural surveys conducted by members of the Fort McCoy Archaeological Laboratory are described in the individual USARC facility sections of this report.

Historical Literature Review

The methodology for the Minnesota Section 110 Inventory was designed to establish a historic context for each USARC facility to assess the potential eligibility of USARC buildings for nomination to the NRHP. In preparation for the documentation of each USARC facility, members of the Fort McCoy Archaeology Laboratory conducted historic research of documents including:

- 1) examination of real property records maintained by the 88th RSC;
- 2) examination of real property records located at each USARC facility (when available);
- 3) an interview with the facility manager of each USARC facility;
- 4) NRHP eligibility nominations filed with the Minnesota SHPO (when applicable);
- 5) examination of the Archaeological Sites Index maintained by the Minnesota SHPO;
- 6) examination of historic documents housed at the Minnesota SHPO Office and regional county courthouses;
- 7) examination of deed records housed at regional county courthouses; and
- 8) examination of previous cultural resource, archaeological, architectural, and environmental surveys conducted by government agencies and private contract firms for each USARC facility (when available).

Architectural Fieldwork

Historic research of buildings and structures located on each USARC facility was conducted to establish an initial database of the architectural styles encountered during on-site documentation. Architectural fieldwork consisted of producing in-depth textual descriptions that included the following information (when applicable):

- 1) Type of building;

- 2) Date of construction;
- 3) Date of acquisition;
- 4) Architectural style;
- 5) Foundation material;
- 6) Number of bays,
- 7) Plan shape;
- 8) Wall construction;
- 9) Roof type;
- 10) Roof materials,
- 11) Chimney construction,
- 12) Chimney placement;
- 13) Type and location of entrances;
- 14) Type and location of fenestration,
- 15) Relationship of all buildings on the facility;
- 16) Integrity of each building;
- 17) Potential threat to the buildings, and
- 18) Security of buildings, structures, and the property

On-site photographic documentation captured the exterior of each building, structure, and object located on the Minnesota USARC facilities. Comprehensive views and unique architectural elements of each building were recorded in 35-mm black and white and digital format. Data collected during on-site documentation and assessments was compiled into the Minnesota Section 110 Inventory report and entered into USARC databases maintained by the Fort McCoy Archaeology Laboratory

The Minnesota Section 110 Inventory Report

The Minnesota Section 110 Inventory is intended to provide the Commander, 88th RSC, with a comprehensive overview of all USARC properties in Minnesota. Specifically, this report provides architectural, historic, and security information to aid in the management of the physical resources located on USARC facilities owned or leased by the 88th RSC. Data contained in the individual sections of this report were recorded and presented in accordance with standards established by HABS and *The Secretary of the Interior's Guidelines for Section 110 of the NHPA*.¹ The report also includes assessments of the historic and architectural significance of each USARC facility conducted by a historian who meets *The Secretary of Interior's Professional Qualification Standards* at 36 CFR 61. Based on data gathered during the on-site visits, the historian determined the future research potential of each facility, and assessed each building in regard to its potential eligibility for nomination under Criteria A, B, C, and D to the NRHP

Information included in discussions of individual USARC facilities may be repeated in the introduction and discussion sections. Although repetitive within a comprehensive view, providing discussions of individual USARC facilities allows this report to be used more effectively by cultural, environmental, and facility managers on the command, state, and unit levels. Information contained in the individual USARC facility sections include:

- 1) Facility Identification Number;
- 2) Facility Name;
- 3) Facility Address;
- 4) USGS 7.5 Minute Series Quadrangle Map;
- 5) UTM location information,
- 6) Present Ownership/Occupant;
- 7) Setting & Landscape;
- 8) Archaeological Resources;
- 9) Historical Information,
- 10) Architectural Information,
- 11) Security;
- 12) Building Descriptions,
- 13) NRHP Eligibility;
- 14) Recommendations,
- 15) Sources, and
- 16) Notes.

Discussions contained in individual USARC facility sections of this report are designed to report data collected during on-site investigations of each facility in a similar manner to establish a consistent reporting style. Therefore, individual sections (including the setting and landscape, archaeological resources, security, building descriptions, eligibility and recommendations) of the discussions of each USARC are written in the same stylistic manner in regard to content, grammar, and word usage. Although phrased in the same manner, the information contained for each USARC facility is specific to that site.

National Register Criteria of Evaluation

All buildings and structures located the USARC facilities were assessed for their potential eligibility to the NRHP as defined in 36 CFR Part 60. The criteria used to evaluate the eligibility of properties for potential nomination to the NRHP assesses the significance of each facility in terms of its contribution to American history, historic persons, architecture, engineering, and archaeological research. The NRHP criteria and criteria considerations are listed below

NRHP Criteria:

- A. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- B. That are associated with the lives of persons significant in our past; or
- C. That embody the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- D. That have yielded, or may be likely to yield, information important in prehistory or historyⁱⁱ

NRHP Criteria Considerations:

- A. A religious property deriving primary significance from architectural or artistic distinction or historical importance; or
- B. A building or structure removed from its original location but which is significant primarily for architectural value, or which is the surviving structure most importantly associated with the historic person or event; or
- C. A birthplace or grave of a historical figure of outstanding importance if there is no other appropriate site or buildings directly associated with his productive life; or
- D. A cemetery which derives its primary significance from graves of persons of transcendent importance, from age, from distinctive design features, or from association with historic events; or
- E. A reconstructed building when accurately executed in a suitable environment and presented in a dignified manner as part of a restoration master plan, and when no other building or structure with the same association has survived; or
- F. A property primarily commemorative in intent if design, age, tradition, or symbolic value has invested it with its own historical significance; or
- G. A property achieving significance within the past 50 years if it is of exceptional importance.ⁱⁱⁱ

Historical Background

Prehistoric Periods of Minnesota

Paleoindian Tradition (ca. 11,000 BC – 6000 BC)

The archaeological evidence supporting the presence in Minnesota of the earliest Paleoindian tradition peoples is disappointingly meager. There are no scientifically excavated archaeological materials from sites in Minnesota that can be definitively attributed to the makers of either Clovis or Folsom projectile points. There have been rare finds of isolated Clovis and Folsom points on the surface of agricultural fields after plowing, but these all have lacked association with human activity. It is only in the later phases of the Paleoindian tradition that archaeological evidence is accumulating to show human populations spreading throughout the state. The finds relating to later peoples of this tradition, who were probably bison hunters like their predecessors in other areas of the plains and Great Lakes regions, have been found mostly in

GEN Lewis C. Beebe USARC & AMSA #111 Faribault, Minnesota

Identification Information

Facility Identification Number: MN014

INS NO: 27855

Facility Name: General Lewis C. Beebe United States Army Reserve Center & Area Maintenance Support Activity #111

Street Address: 2119 Hwy 60, Faribault, Rice County, MN

Mailing Address: 2119 Hwy 60, Faribault, MN 55021-4891

Telephone Number: (507) 334-9225

Map Reference: Faribault, Minn. Quadrangle. USGS 7.5 Minute Series, (Figure 1)

Township, Range, Section: T110N, R21W, Section 36

UTM at SW corner of property: Z15T, 0475955E, 4904252N

Present Owner/Occupant: The facility is owned by the U.S. Government and controlled by the 88th RSC.

Setting and Landscape

The GEN Lewis C. Beebe USARC consists of two permanent buildings and two semi-permanent storage structures on 5.5 acres of graded, landscaped property (Land INSNO=FA012) in a commercial area on the western edge of Faribault, Minnesota (Figure 2). Aside from the large grassy area in front (to the north) of the Reserve Center there is little vegetation around the facility due to the parking areas for military equipment and personally owned vehicles. About ½ mile north of Beebe USARC is the Cannon River, which flows east from Wells Lake to the Straight River.

Cultural Resources

A search of the archaeological site index at the Minnesota State Historic Preservation Office (SHPO) determined that there is one recorded archaeological site within a one-mile radius of the General Beebe USARC. Site 21RC46 consists of lithic debitage with no determined cultural affiliation.¹ There are no recorded sites on the facility property itself.

A search of the National Park Service's on-line database of properties on the National Register of Historic Places indicates that as of July 2000, there are forty-five listed properties within the municipal boundaries. None of these, however, are located in close proximity to the USARC facility.

Historical Information

The land now associated with Beebe USARC was purchased by the U.S. Government from William and Luella Driessen in 1957.² The following year a Reserve Center and an OMS were constructed on the property.³ On 30 May 1958, the facility was dedicated to the memory of BG Lewis C. Beebe who served in the Iowa National Guard and rose to the rank of Brigadier General during WWII before retiring in 1950 to his home in Faribault, Minnesota. In 1964, a semi-permanent flammable storage structure was erected on the southern edge of the Military Equipment Parking (MEP) area. Another semi-permanent storage building was erected adjacent to the OMS' east façade at an unknown date. In 1977, additions were made to the Reserve Center and OMS that significantly increased the training capacity of the facility.⁴ The buildings have all served their original purpose since their construction. The 88th RSC gained real property control of the facility in 1996.⁵

Security

Security measures at Beebe USARC include fencing and floodlights. A chain-link fence topped with barbed wire surrounds the Organizational Maintenance Shop, MEP area, and the south side of the Reserve Center. Freestanding, mercury vapor lights illuminate the parking areas, and wall-mounted lamps provide illumination to the perimeter of each building.

Architectural Information

The General Beebe USARC/ AMSA #111 is comprised of four buildings: a Reserve Center from 1959, an OMS from 1958, a Flammable Storage Building from 1964, and a Storage Building whose date of construction is unknown. None of the buildings appear to exhibit significant historical or architectural character or merit.

Building Description: Reserve Center (FA001)

General Characteristics. The Reserve Center provides office space and training areas for reservists at the General Beebe USARC/ AMSA #111 (Figures 3-8). The multi-story building is irregular in plan. A one-story, gabled administration section is located northernmost on the site. From the south façade of this section projects a one-story, gabled corridor. This corridor connects to the north wall of the drill hall. The gabled, eastern third of the drill hall rises to one-and-one-half stories, while the western two-thirds is shed-roofed and one story high. From the northwest corner of the drill hall's west façade projects a narrow firing range. This range is flat-roofed and one-story high. The walls of the building are clad in brick. A marble datestone is located to the west of the recessed main entrance on the north wall. A brick stringcourse runs along the original section of the building. Aside from these simple devices, the Reserve Center is devoid of ornamentation and cannot be labeled as an example of a particular style.

Doors. The main entrance into the Reserve Center is on the north wall of the administration section, where a set of paired glass pedestrian doors is set into a recessed entrance area. The east wall of the administration section is pierced by another set of paired glass doors. On the south wall, east of the corridor, is a set of paired doors. The east wall of the corridor is pierced by a set of paired doors, each with two fixed lights. The south wall of the drill hall contains three doors: a single pedestrian door with a fixed light and an overhead-retractable vehicle bay door (on the taller, gabled section), and a single pedestrian door with a sidelight and a metal panel "sidelight" (on the lower, shed-roofed section). Finally, a single glass pedestrian door with a transom and two 2-light sidelights is located on the west wall of the corridor.

Windows. Fenestration on the Reserve Center includes 1-over-1, fixed-over-awning and awning windows. The north wall of the administration section contains the following windows: three 1-over-1, fixed-over-awning windows in the recessed entrance area, nine awning windows, and a set of paired awning windows. On the south wall, east of the corridor, are two awning windows and a 1-over-1, fixed-over-awning window. The east wall of the corridor contains a single 1-over-1, fixed-over-awning window. The east façade of the drill hall is pierced by four sets of clerestory-level windows, currently covered with aluminum. Located on the upper story of the one-and-one-half-story section of the drill hall—above the one-story section—are four sets of clerestory-level windows, also sheathed in aluminum. The south wall of the administration section (to the west of the corridor) contains ten 1-over-1, fixed-over-awning windows. Finally, the west wall of the administration section is pierced by two sets of four 1-over-1, fixed-over-awning windows.

Building Description: AMSA #111 / Organizational Maintenance Shop (FA002)

General Characteristics. The multi-story Organizational Maintenance Shop (OMS) provides unobstructed, open space for the repair of military vehicles (Figures 9-13). The building is irregular in plan. The original, 1958 section of the building is located at the easternmost extremity. This section is shed-roofed, and rises only one story. To the west of this is a flat-roofed, one-story addition, erected in 1977. To the west of this is a narrower, flat-roofed, one-and-one-half-story section—the second and final addition to the OMS. All sections of the building are clad in brick. Pilasters are located at each corner and between the bays and window sets on the

original section. The OMS is devoid of ornamentation and cannot be labeled as an example of a particular architectural style.

Doors. Two overhead-retractable vehicle bay doors with fixed lights pierce the north wall of the original OMS section. A single pedestrian door is located on the east wall of this section. The west wall of the 1977 addition contains two single pedestrian doors (one located on the north wall of the section of the façade that projects slightly northward). The opposite façade contains another pedestrian door. The small section of west-facing wall (south of the 1977 addition) contains a set of paired set of pedestrian doors. The north façade of the 1977 addition contains four overhead-retractable vehicle bay doors, each with two fixed lights, and a single pedestrian door. The opposite, south wall also contains three bay doors and two pedestrian doors.

Windows. Fenestration on the OMS includes 1-over-1, fixed-over-awning windows. The south wall of the original OMS contains two sets of aluminum-covered windows. The north wall of the 1972 addition is pierced by three windows (one located on the north wall of the section of the façade that projects slightly northward, and another on the west wall of this section). The opposite, south façade contains one window. A window is also located in the east of this, on the east façade, where the 1972 extends farther to the south than the original OMS section. Another window is located at the diagonally-opposite corner, where the west wall of the 1972 addition extends beyond the 1977 addition.

Building Description: Flammable Storage Building (FA013)

General Characteristics. This one-story, gabled building is square in plan, and rises one story (Figures 14-15). The walls are covered with corrugated tin, and the foundation is concrete.

Doors. A single set of paired pedestrian doors pierces the north wall.

Windows. The building is unfenestrated.

Building Description: Storage Building (FAC NUM: Unknown)

General Characteristics. This one-story, gabled building is rectangular in plan, and rises one story (Figures 16-17). The walls are sheathed in shingles, and there is no foundation. The building's gable ends contain wood.

Doors. A single pedestrian door with a fixed light (glazing missing) pierces the north wall.

Windows. The building is unfenestrated.

National Register of Historic Places Eligibility

The buildings located at the General Beebe USARC/ AMSA #111 do not meet the criteria for the National Register of Historic Places (NRHP), under Criterion A, B, C, or D, and thus are not recommended for nomination to the NRHP. A historic documentary and architectural investigation conducted at the facility determined there is no direct relationship between the facility and prehistoric or historic events in the Faribault area (criterion A), there is no association with significant persons involved in prehistoric or historic events (criterion B), buildings on the facility are not architecturally or technologically significant (criterion C), and the facility is unlikely to hold future research potential (criterion D).

Recommendations

No additional review under Section 110 of the National Historic Preservation Act (NHPA) is recommended. However, additional review will be necessary if specific undertakings require compliance with Section 106 of the NHPA (36 CFR 800).

Notes

¹ Minnesota Archaeological Site Form for site 21RC46. 1996.

² Warranty Deed. Book 195, Pages 231-232.

³ DA Form 2877 Real Property Record. Faribault, Minnesota. Facility No. FA 001, USAR Center. 22 October 1958 – 12 September 1995, and; DA Form 2877. Real Property Record. Faribault, Minnesota. Facility No. FA002, USAR Vehicle Maintenance. 22 October 1958 – 12 September 1995

⁴ Ibid.

⁵ DD Form 1354E. Transfer and Acceptance of Military Real Property Property Voucher Number V96-067. 7 August 1996.

Sources

- Archaeological site index. Minnesota State Historic Preservation Office, St. Paul, Minnesota. June 1999.
- DA Form 2877 Real Property Record. Faribault, Minnesota. Facility No. FA002, USAR Vehicle Maintenance. 22 October 1958 – 12 September 1995. Available at 88th RSC DCSEN Real Estate Division, Fort Snelling, MN
- DA Form 2877 Real Property Record. Faribault, Minnesota. Facility No. FA 001, USAR Center. 22 October 1958 – 12 September 1995. Available at 88th RSC DCSEN Real Estate Division, Fort Snelling, MN.
- DD Form 1354E. Transfer and Acceptance of Military Real Property Property Voucher Number V96-067. 7 August 1996. Available at 88th RSC DCSEN Real Estate Division, Fort Snelling, MN
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- Minnesota Archaeological Site Form for site 21RC46. 1996. Available at the Minnesota State Historic Preservation Office, St. Paul, MN
- Warranty Deed. Book 195, Pages 231-232. Available at the Ramsey County Recorder's Office, St. Paul, MN.

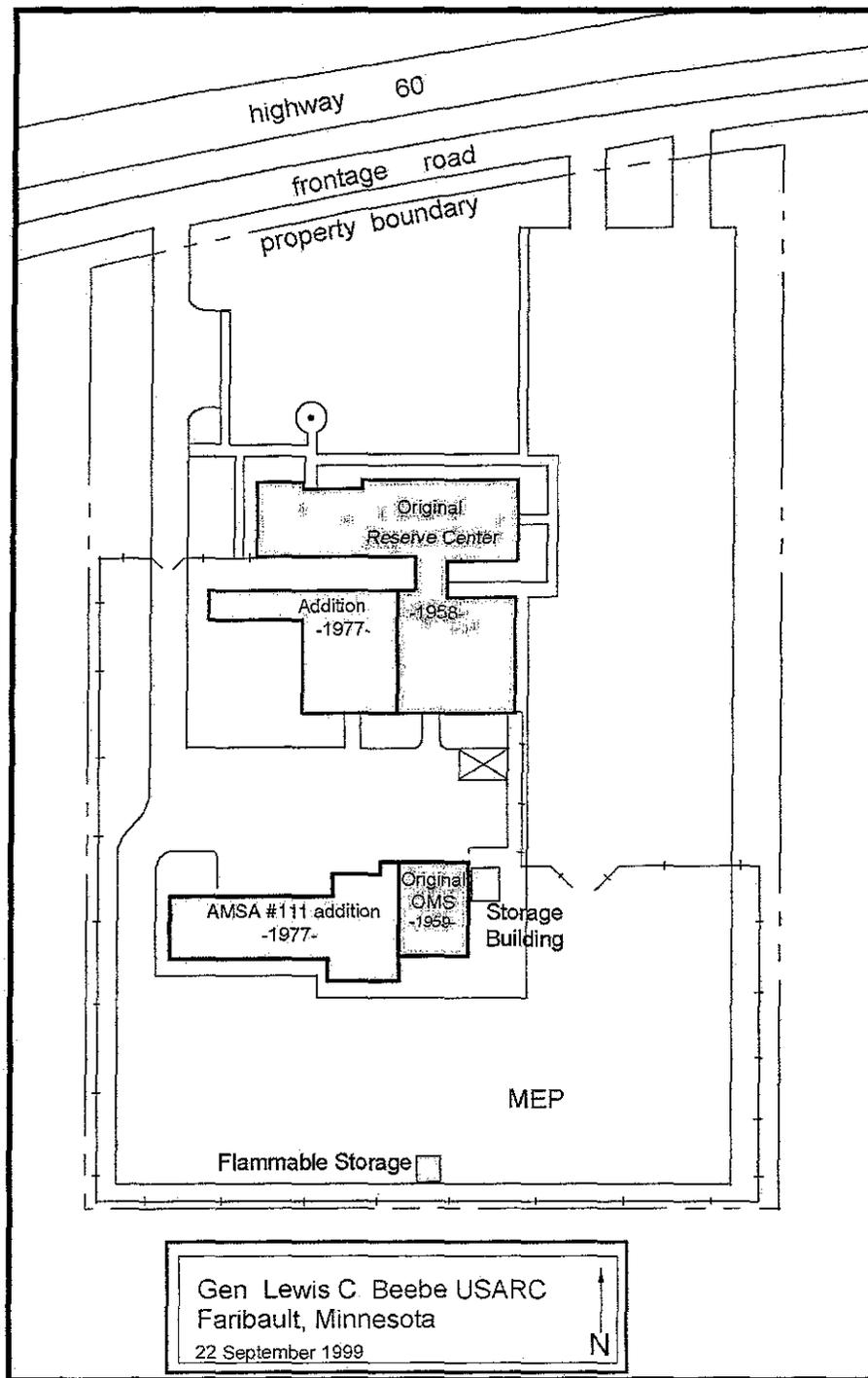


Figure 2. Site plan.

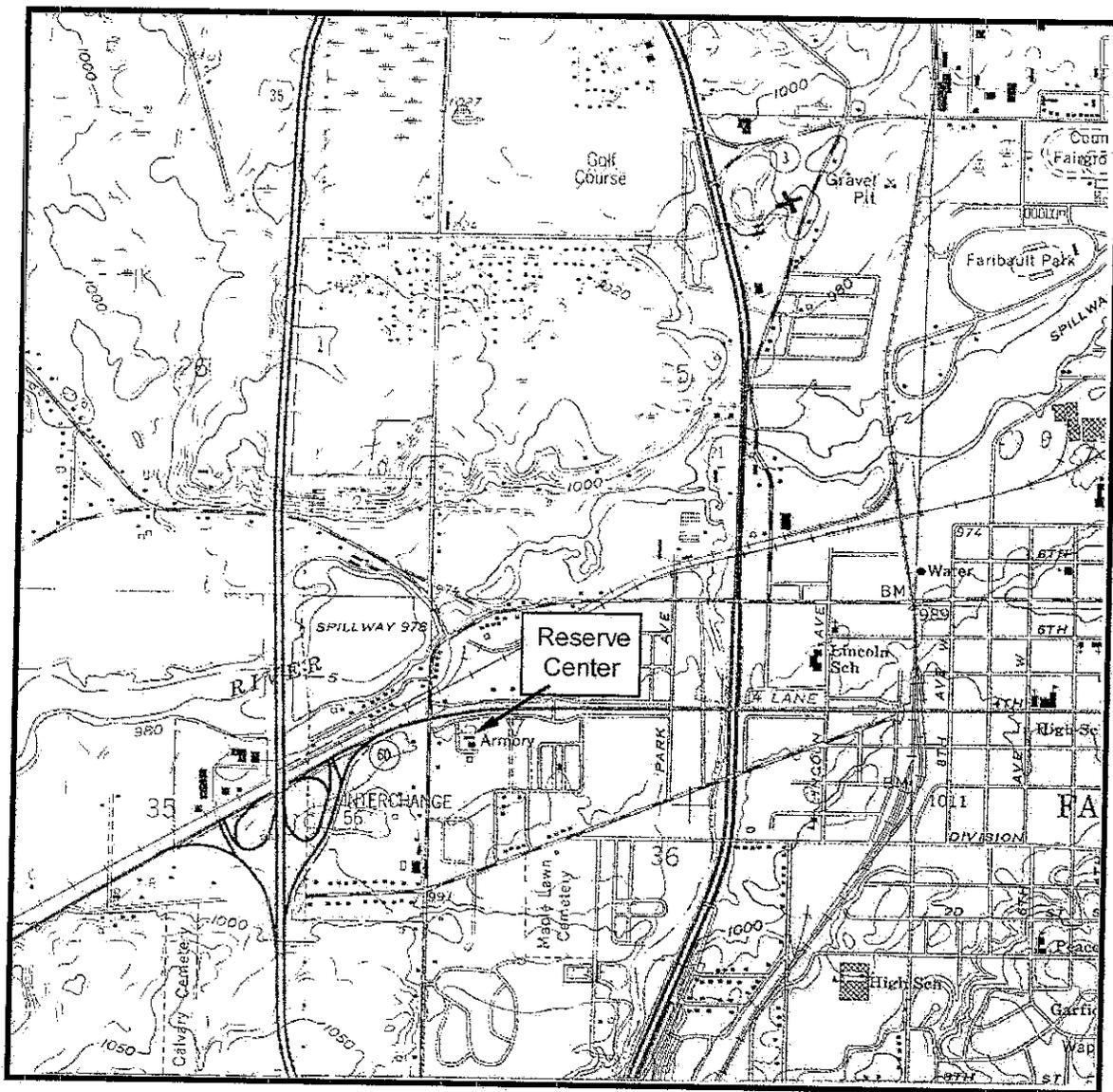


Figure 1. Location of General Lewis C. Beebe USARC/ AMSA #111 Faribault, MN

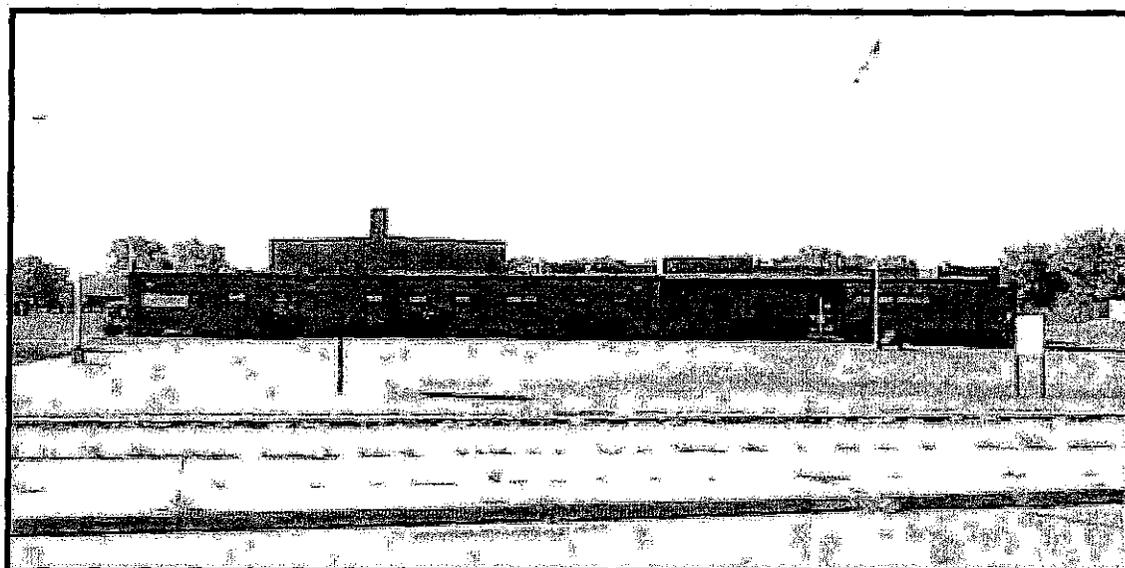


Figure 3. General Beebe USARC: Reserve Center, looking south.

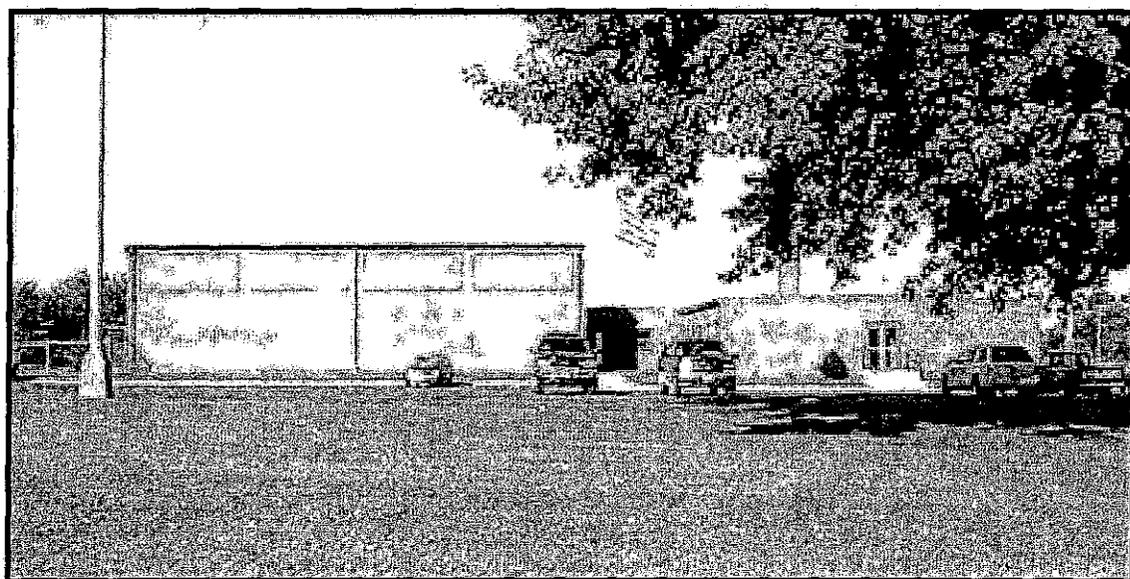


Figure 4. General Beebe USARC: Reserve Center, looking west.

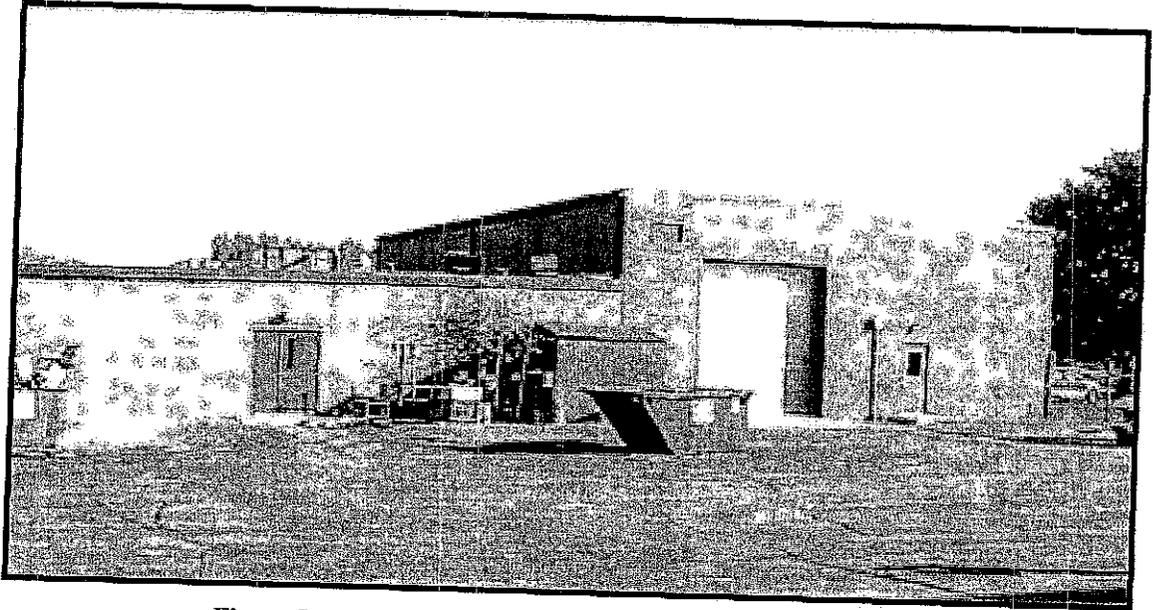


Figure 5. General Beebe USARC: Reserve Center, looking north.

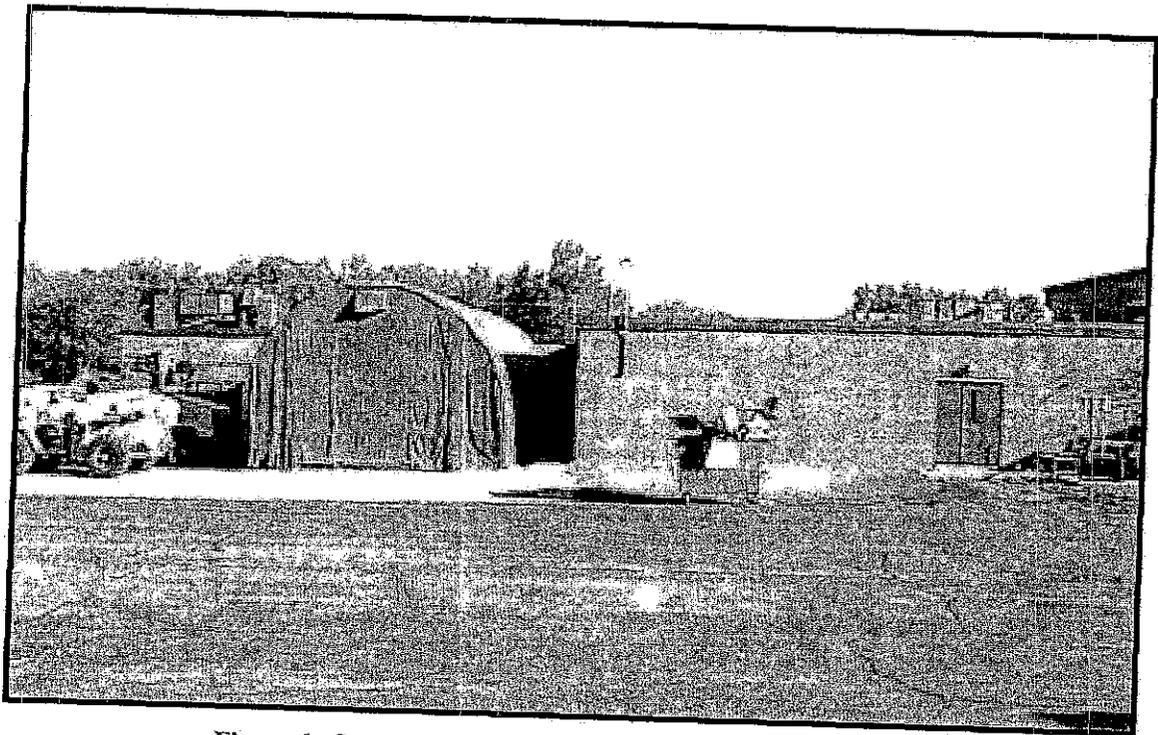


Figure 6. General Beebe USARC: Reserve Center, looking north.

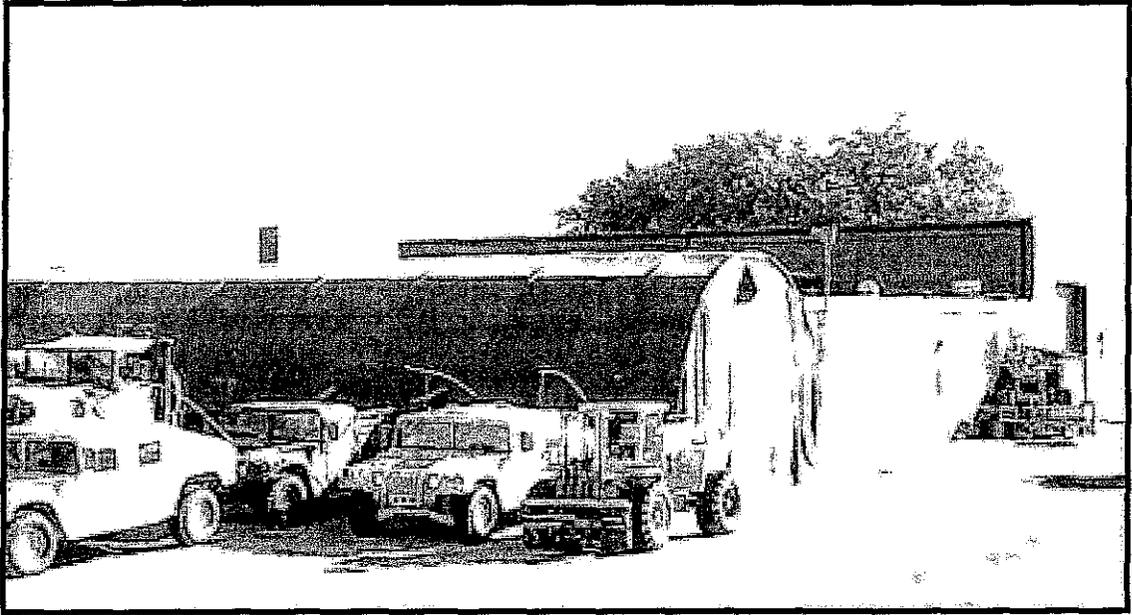


Figure 7. General Beebe USARC: Reserve Center, looking northeast.

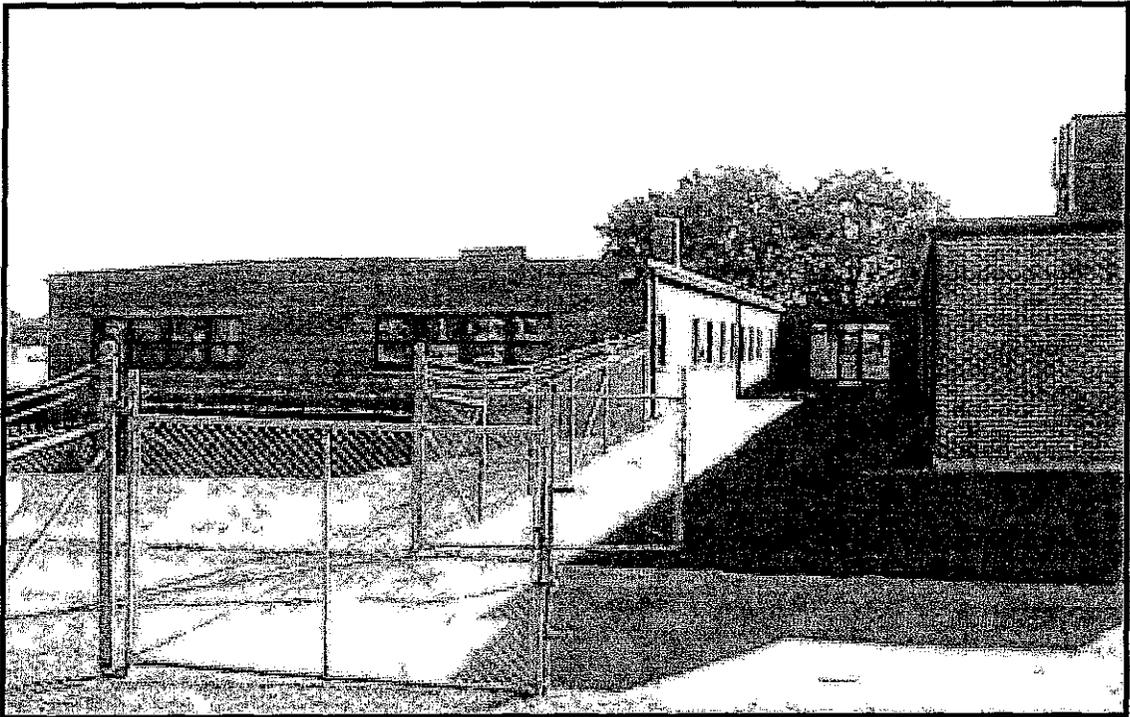


Figure 8. General Beebe USARC: Reserve Center, looking east.



Figure 9. General Beebe USARC: AMSA #111 maintenance shop, looking south.

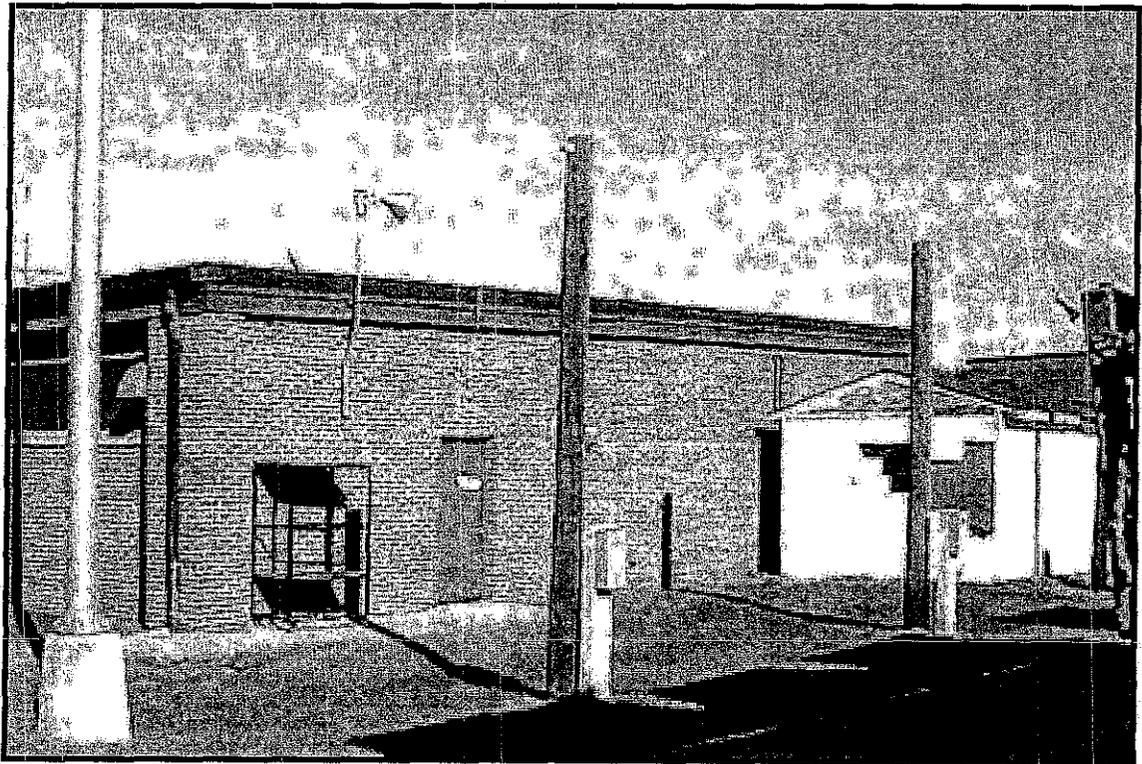


Figure 10. General Beebe USARC. AMSA #111 maintenance shop, looking west.

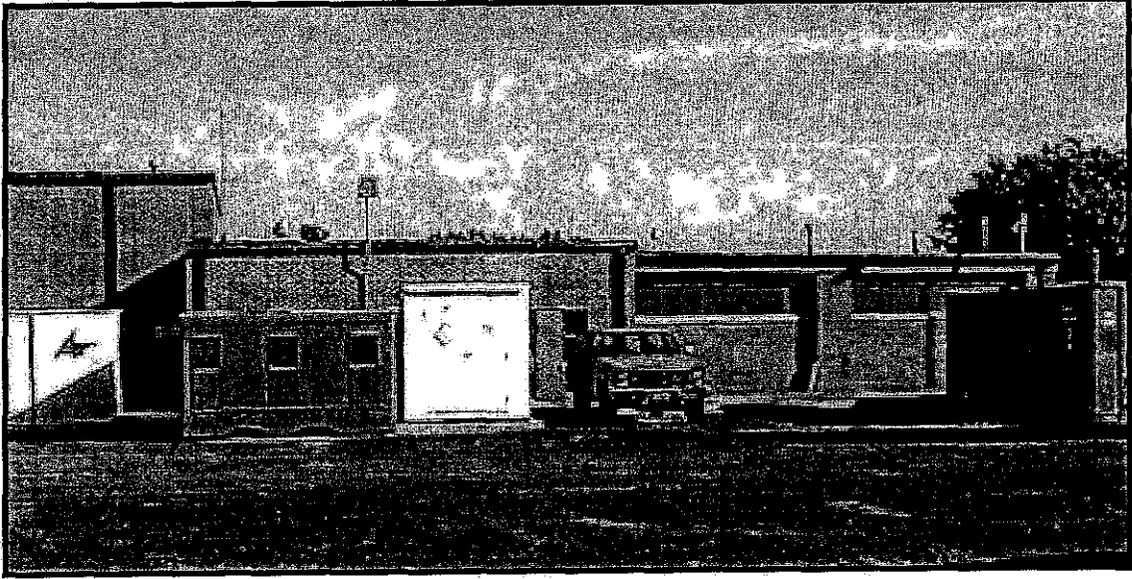


Figure 11. General Beebe USARC. AMSA #111 maintenance shop, looking north.

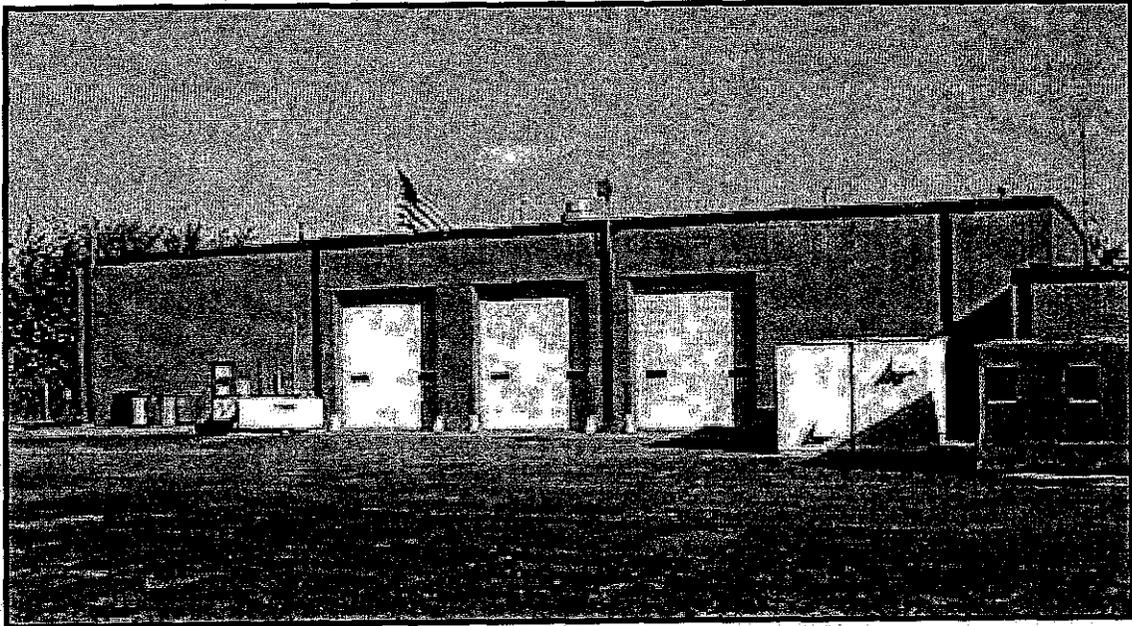


Figure 12. General Beebe USARC. AMSA #111 maintenance shop, looking north.

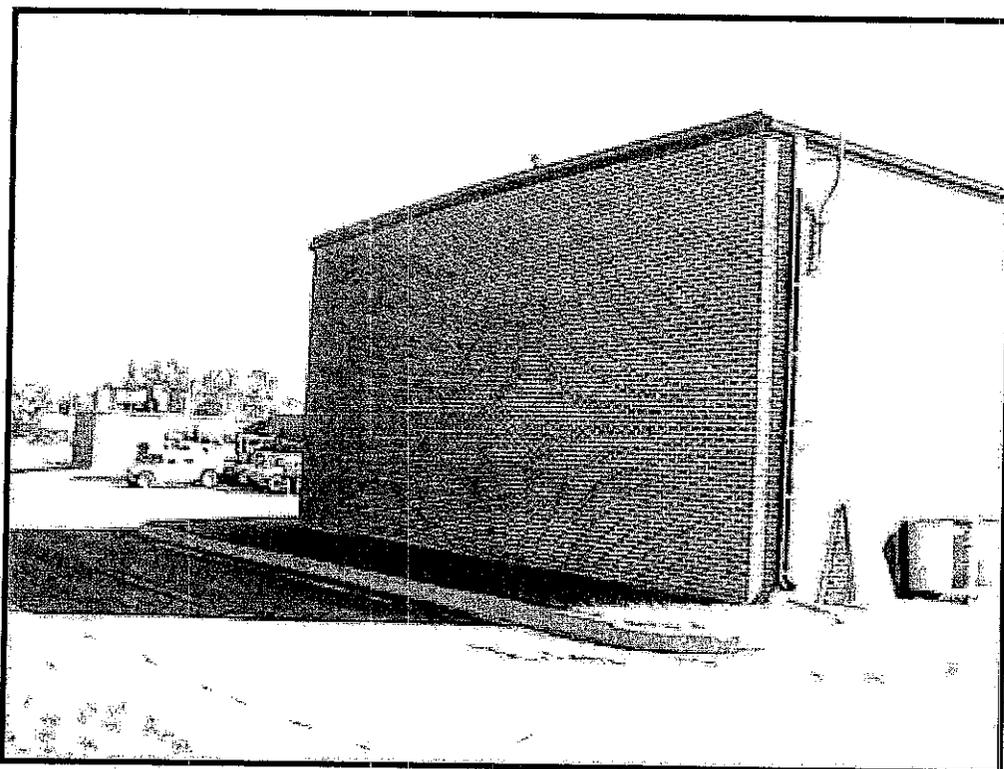


Figure 13. General Beebe USARC: AMSA #111 maintenance shop, looking east.

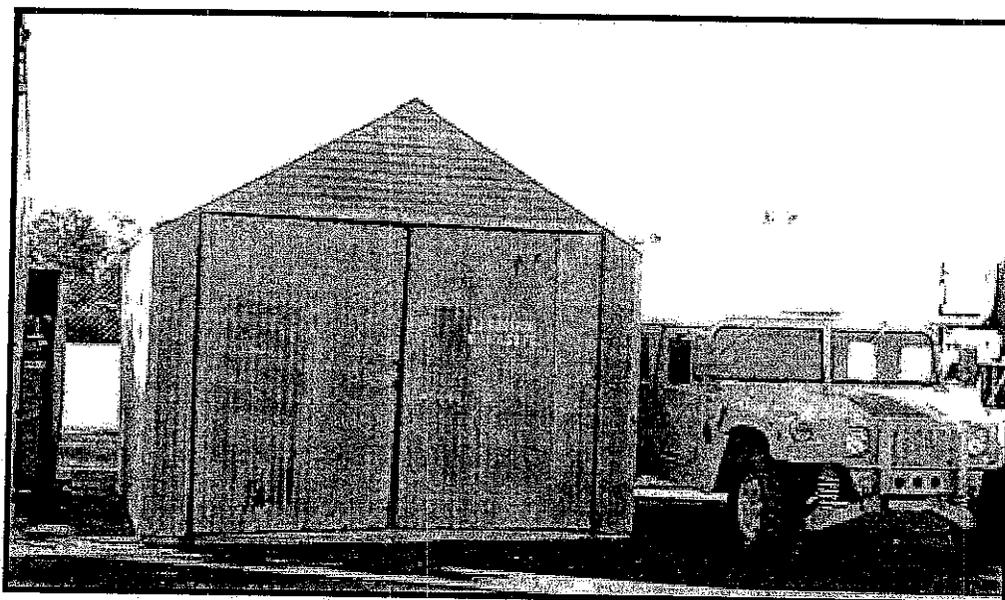


Figure 14. General Beebe USARC: Flammable Storage Building, looking south.

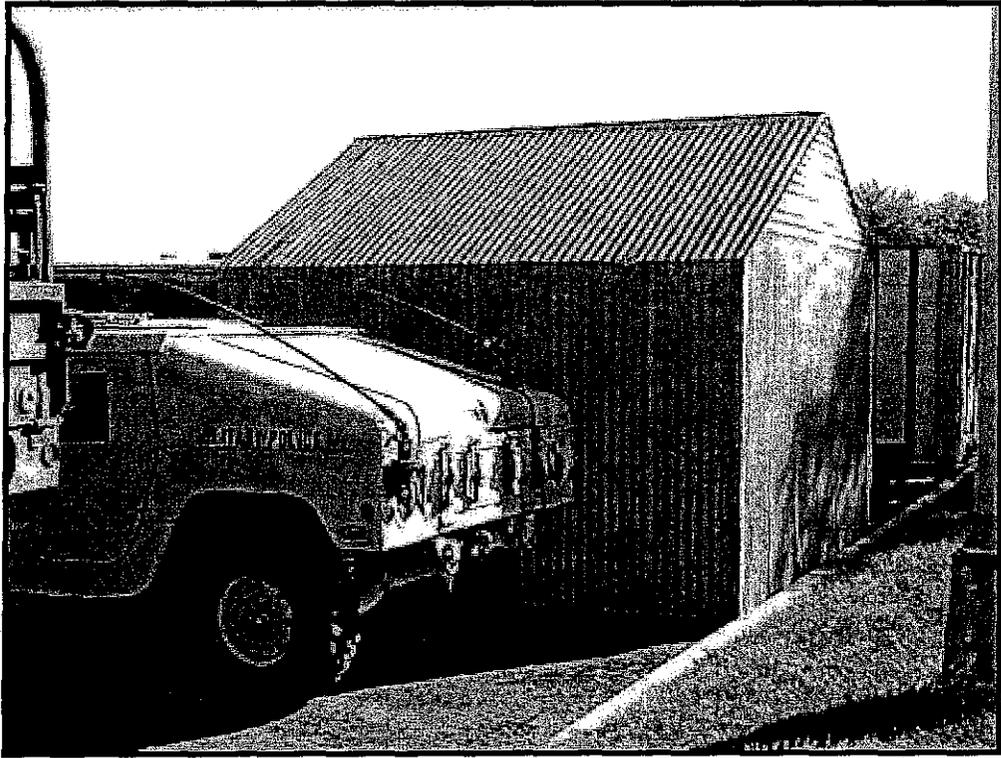


Figure 15. General Beebe USARC: Flammable Storage Building, looking east.

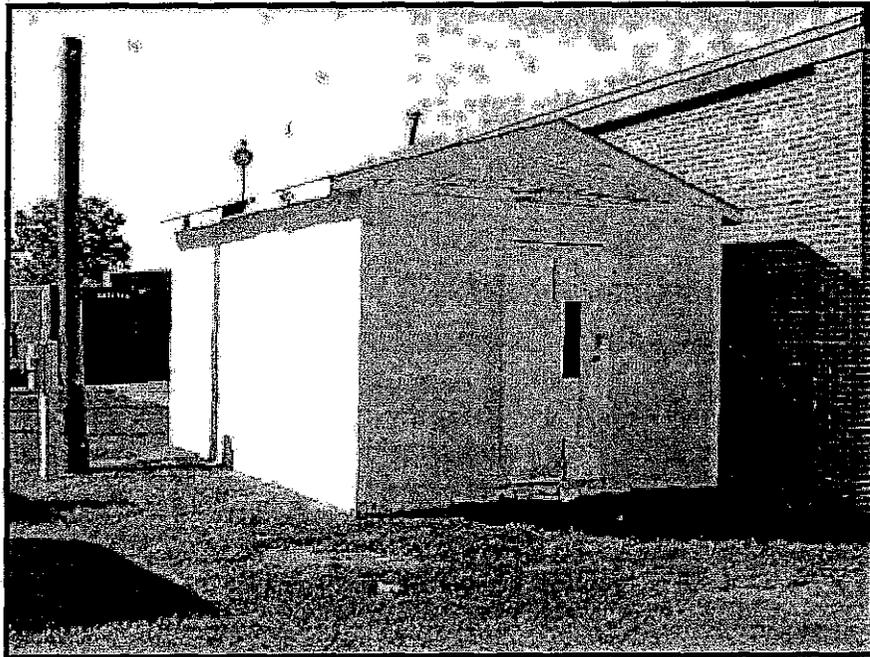


Figure 16. General Beebe USARC: Storage Building, looking south.

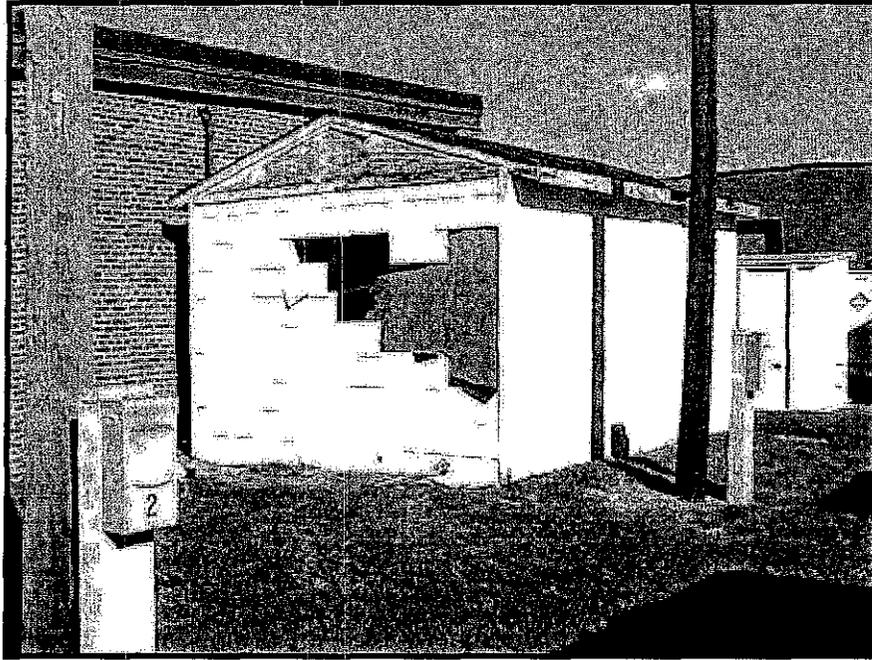


Figure 17. General Beebe USARC. Organizational Maintenance Shop, looking north.



Corporate Office & Laboratory
1241 Bellevue Street, Suite 9 • Green Bay, WI 54302
920-469-2436 • FAX: 920-469-8827 • 800-7-ENCHEM
www.enchem.com

- Analytical Report -

Project Name : FARIBAULT HOIST

Project Number : 030141

Client: US ARMY RESERVES

MDH LAB ID : 055-999-334

Sample No.	Field ID	Collection Date	Sample No.	Field ID	Collection Date
829195-001	MN014HB	12/3/02			
829195-002	MN014HS	12/3/02			

Please visit our Internet homepage at: www.enchem.com

Soil VOC detects are corrected for the total solids, unless otherwise noted.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. Reported results shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested.

Approval Signature

Date

En Chem, Inc. Cooler Receipt Log

Batch No. 829195

Project Name or ID 030141 No. of Coolers: 1 Temps: 4.2°C

A. Receipt Phase: Date cooler was opened: 12/4/02 By: L. Murray

- 1: Were samples received on ice? (Must be ≤ 6 C)..... YES NO²
- 2: Was there a Temperature Blank?..... YES NO
- 3: Were custody seals present and intact? (Record on COC)..... YES NO
- 4: Are COC documents present?..... YES NO²
- 5: Does this Project require quick turn around analysis?..... YES NO
- 6: Is there any sub-work?..... YES NO
- 7: Are there any short hold time tests?..... YES NO
- 8: Are any samples nearing expiration of hold-time? (Within 2 days)..... YES¹ NO Contacted by/Who _____
- 9: Do any samples need to be Filtered or Preserved in the lab?..... YES¹ NO Contacted by/Who _____

B. Check-in Phase: Date samples were Checked-In: 12/4/02 By: L. Murray

- 1: Were all sample containers listed on the COC received and intact?..... YES NO² NA
- 2: Sign the COC as received by En Chem. Completed..... YES NO
- 3: Do sample labels match the COC?..... YES NO²
- 4: Check sample pH of preserved samples. (Not VOCs) Completed..... YES NO NA
- 5: Do samples have correct chemical preservation?..... YES NO² NA
- 6: Are dissolved parameters field filtered?..... YES NO² NA
- 7: Are sample volumes adequate for tests requested?..... YES NO²
- 8: Are VOC samples free of bubbles >6mm..... YES NO² NA
- 9: Enter samples into logbook. Completed..... YES NO
- 10: Place laboratory sample number on all containers and COC. Completed..... YES NO
- 11: Complete Laboratory Tracking Sheet (LTS). Completed..... YES NO NA
- 12: Start Nonconformance form. YES NO NA
- 13: Initiate Subcontracting procedure. Completed..... YES NO NA
- 14: Check laboratory sample number on all containers and COC. AYV YES NO NA

Short Hold-time tests:

48 Hours or less	7 days	Footnotes
Coliform (6 hrs)	Flashpoint	1 Notify proper lab group immediately.
Hexavalent Chromium (24 Hrs)	TSS	2 Complete nonconformance memo.
BOD	Total Solids	
Nitrite or Nitrate	TDS	
Low Level Mercury	Sulfide	
Ortho Phosphorus	Free Liquids	
Turbidity	Total Volatile Solids	
Surfactants	Aqueous Extractable Organics- ALL	
Sulfite	Unpreserved VOC's	
En Core Preservation	Ash	
Color		

Rev. 9/5/2001, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date EB 12/4/02

En Chem Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
800-7-ENCHEM
Fax: 920-469-8827

Lab#:	TestGroupID:	Comment:
829195-001 MN014HB	TPHDIESEL-S	Hump was present late in chromatogram.
829195-002 MN014HS	TPHDIESEL-S	Hump was present late in chromatogram.

- Analytical Report -

Project Name : FARIBAULT HOIST

Project Number : 030141

Field ID : MN014HB

Lab Sample Number : 829195-001

MDH LAB ID : 055-999-334

Client : US ARMY RESERVES

Report Date : 12/13/02

Collection Date : 12/3/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Solids, percent	93.2		%		12/5/02	SM 2540G M	SM 2540G M

Organic Results

TPH-DIESEL - SOIL

Prep Method: SW846 3545

Prep Date: 12/11/02

Analyst: KEG

Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
TPH-DIESEL	< 11	11	mg/kg		12/12/02	SW846 M8015

All soil results are reported on a dry weight basis unless otherwise noted.

- Analytical Report -

Project Name : FARIBAULT HOIST

Project Number : 030141

Field ID : MN014HS

Lab Sample Number : 829195-002

MDH LAB ID : 055-999-334

Client : US ARMY RESERVES

Report Date : 12/13/02

Collection Date : 12/3/02

Matrix Type : SOIL

Inorganic Results

Test	Result	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
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Organic Results

TPH-DIESEL - SOIL

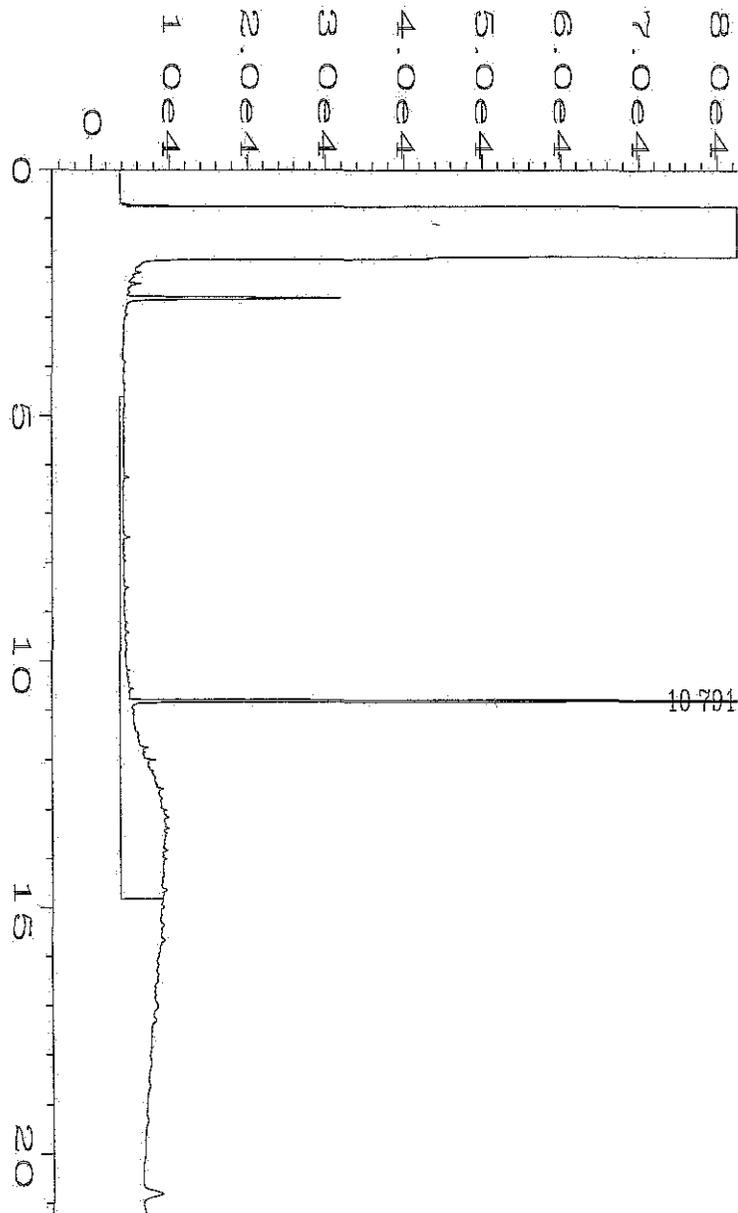
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Prep Date: 12/11/02

Analyst: KEG

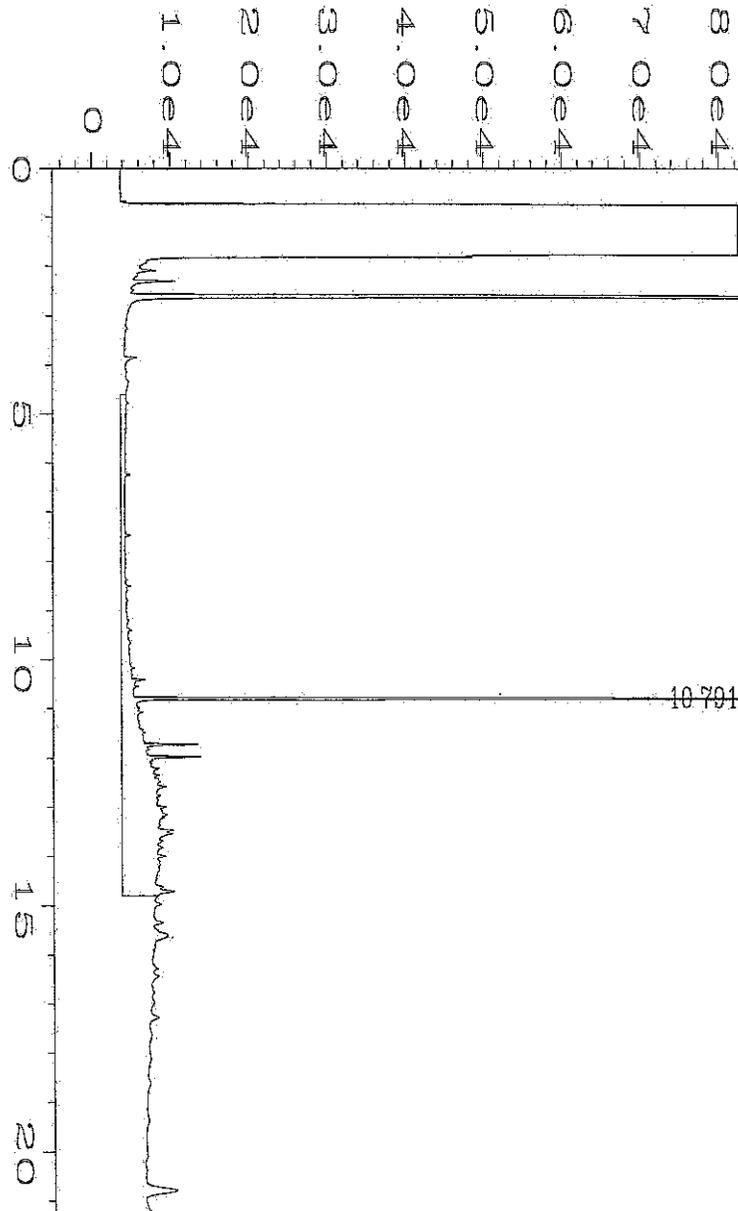
Analyte	Result	EQL	Units	Code	Analysis Date	Analysis Method
TPH-DIESEL	< 11	11	mg/kg		12/12/02	SW846 M8015

All soil results are reported on a dry weight basis unless otherwise noted.

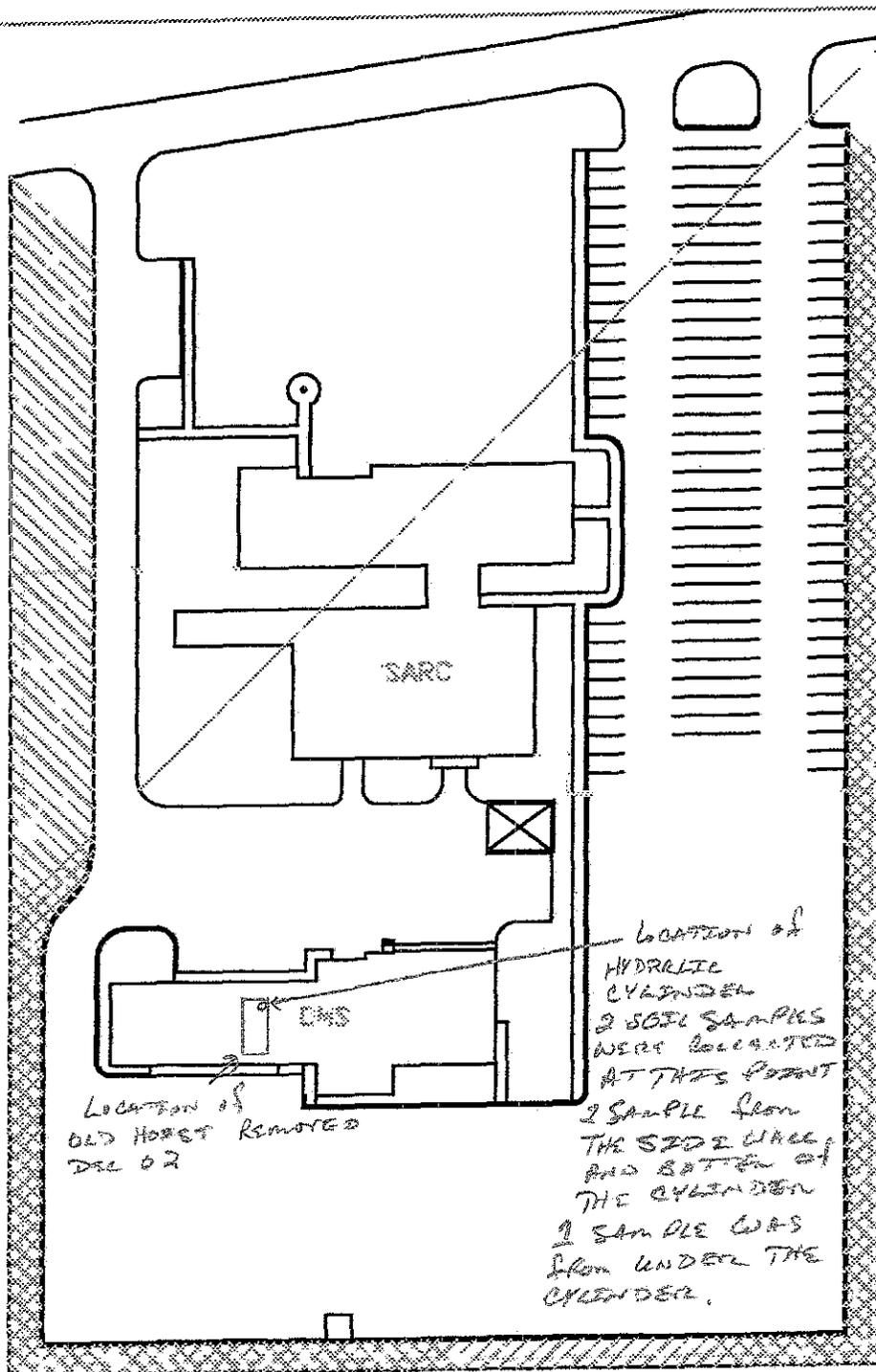


user modified

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Operator	: KEG	Vial Number	: 7
Instrument	: DRO2	Injection Number	: 1
Sample Name	: 29195D001SJX1	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	TPHDRO.MTH
Acquired on	: 12 Dec 02 12:34 PM	Analysis Method	: TPHDRO.MTH
Report Created on:	13 Dec 02 09:52 AM	Sample Amount	: 0
Last Recalib on	: 12 DEC 02 09:27 AM	ISTD Amount	:
Multiplier	: 1		



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Instrument	: DR02	Injection Number	: 1
Sample Name	: 29195D002SJX1	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	TPHDRO.MTH
Acquired on	: 12 Dec 02 01:53 PM	Analysis Method	: TPHDRO.MTH
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Last Recalib on	: 12 DEC 02 09:27 AM	ISTD Amount	:
Multiplier	: 1		

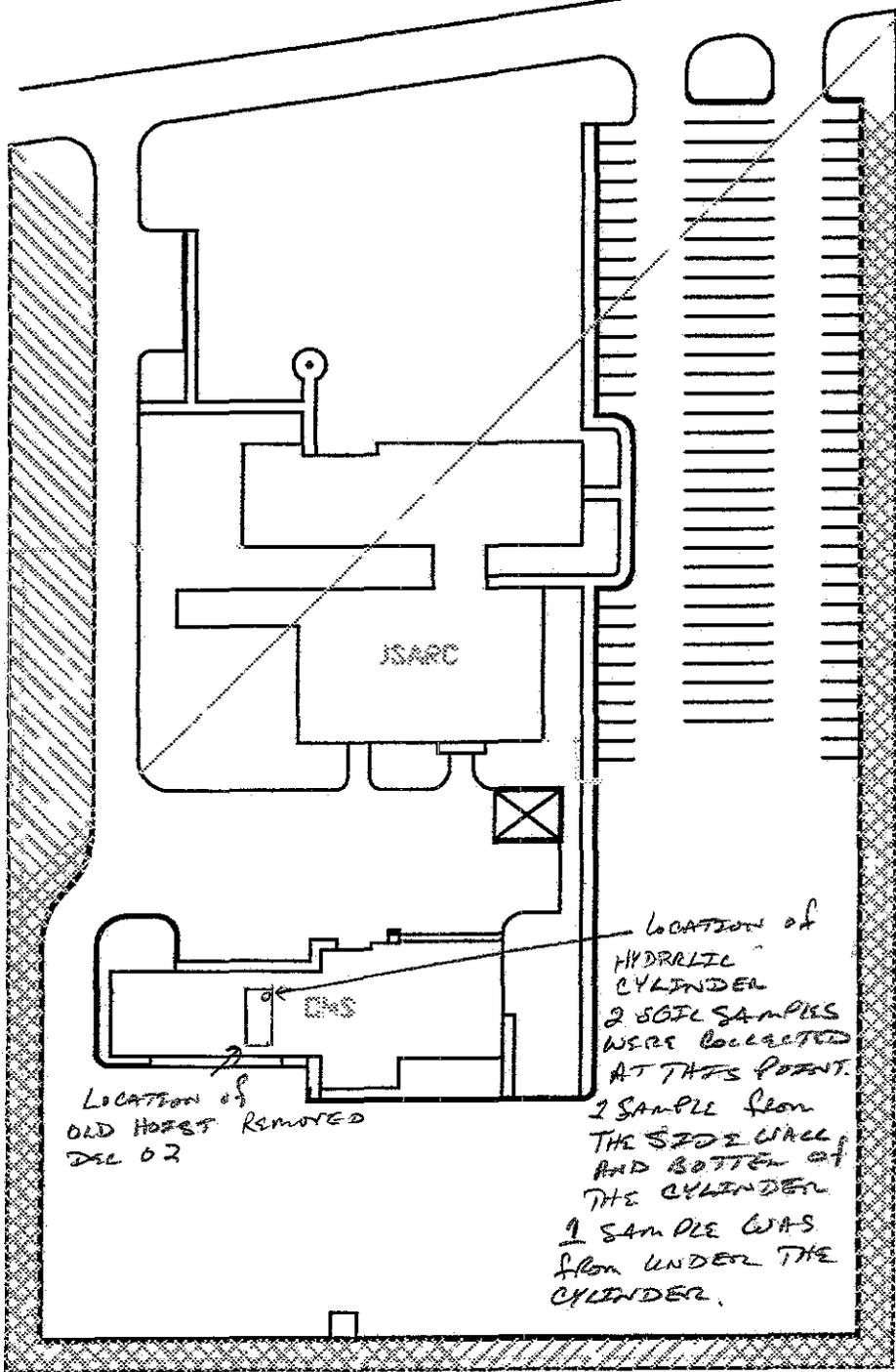


LOCATION OF
OLD HOIST REMOVED
DEC 02

LOCATION OF
HYDRAULIC
CYLINDER
2 SOIL SAMPLES
WERE COLLECTED
AT THIS POINT
1 SAMPLE FROM
THE SIDE WALL
AND BOTTOM OF
THE CYLINDER
1 SAMPLE WAS
FROM UNDER THE
CYLINDER.

SITE PLAN
NORTH

DATE: 12/15/02
BY: [Signature]
TITLE: [Signature]
7/15/02



LOCATION of
OLD HOSES REMOVED
DEC 02

LOCATION of
HYDRAULIC
CYLINDER
2 SOIL SAMPLES
WERE COLLECTED
AT THIS POINT.
1 SAMPLE FROM
THE SIDE WALL
AND BOTTOM OF
THE CYLINDER
1 SAMPLE WAS
FROM UNDER THE
CYLINDER.

SUE PLAN 
NORTH

USAR CENTER
210 HWY 66
FAIRHILL, MS
17 APR 81

ENVIRONMENTAL SURVEY REPORT
ASBESTOS, PCB, LEAD BASED PAINT AND RADON SURVEY
88TH Regional Support Command
FARIBAULT, MINNESOTA (MN014)
(revised 16 August, 2004)

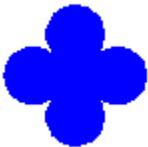
PREPARED FOR:

88th Regional Support Command
506 Roeder Circle
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Adecco Technical Task Order DAY A000003029



Gil Bakshi, MA
President
16 August 2004

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- 7.0 LEAD BASED PAINT SURVEY
- 8.0 RADON SURVEY
- 9.0 ACTION SUMMARY
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- APPENDIX B PCB LOCATIONS AND DRAWINGS
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- APPENDIX F INSPECTORS CREDENTIALS
- APPENDIX G PREVIOUS INSPECTIONS

Signature of Asbestos Inspector _____
Narciso Martinez 16 August 2004

1.0 INTRODUCTION

International Training Institute of South Florida, Inc. (ITI) has performed a site survey for the 88th Regional Support Command (RSC) property located at 2119 Hwy 60, Faribault, MN, prepared by the 88th RSC and administered under Adecco Technical Task Order DAY A000003029.

2.0 PURPOSE

This report provides information concerning the potential types, quantities, locations, and condition of asbestos containing materials, polychlorinated biphenyls (PCB's), lead based paint (LBP) and radon.

The purpose of this document is to assist the 88th RSC in complying with federal and state regulations concerning Asbestos, PCB's, LBP's and Radon. ITI's evaluation is based on a site inspection, information obtained from available documentation located at the site and the 88th RSC, and interviews with persons knowledgeable about the current and past history of the site.

3.0 SITE DESCRIPTION

Administration Building

This building has a concrete block vertical support and a metal deck and beams horizontal support. The roof is granular surfaced modified bitumen roofing. The exterior walls are layered brick with interior sheetrock and concrete blocks. This building is 19,142 sq. ft. in floor area and was built in the early 1960's and renovated in 1974 and 2001.

Maintenance Shop Building

This building has concrete block vertical support and steel beams on deck horizontal support. The roof is granular surfaced modified bitumen built up roofing. The exterior walls are layered brick and the interior walls are concrete block. The building has 4 occupants and has a floor area of 8,898 sq. ft.

3.1 SCOPE OF WORK

ITI has conducted one or more of the following tasks at this site: collect radon samples, conduct a lead based paint inspection, identify PCB's and asbestos inspection.

- Conduct radon testing at all identified 88th RSC sites for radon gas concentration levels and review all previous radon test results provided by the government.

- Determine levels of radon gas by installing passive detection equipment (alpha track) in specific buildings of the selected facilities.
- Utilize the laboratory that supplied the alpha track radon detectors for analysis.
- Evaluate each facility by age to determine the potential for existence of lead based paint (LBP) and review any previous LBP surveys conducted by the government
- Where the potential for LBP is determined, ITI will conduct a visual inspection of all (but not limited to) of the following surfaces; doors, door casings and frames, walls, upper and lower, windows sashes, stair stringers, treads, and handrails, ceilings, vents, structural steel, HVAC ducts and window guards at each facility. Samples of suspect surfaces will be conducted by using a portable, on-site measuring instrument that uses X-Ray Fluorescence to determine the existence of LBP.
- Include all information observed as part of the final report to include all existing LBP and its condition, along with all sample locations (CAD drawings and/or field notes).
- Evaluate each facility by age to determine the potential for the existence of PCB's and review any previous PCB surveys conducted by the government.
- Where the potential for PCB's is determined, ITI will conduct a visual inspection of each facility to determine the existence of PCB's and identify all potential equipment. This will require ITI to randomly open one or more like types of equipment to visually confirm the existence of PCB containing material within the equipment.
- Include all information as part of the final report to include all equipment and its condition, potentially containing PCB's.
- Review all previous asbestos surveys conducted by the government.
- ITI will visually inspect each facility and visually verify all information found in previous surveys and note any variances and/or missing data.
- ITI will identify all asbestos containing materials (ACM) and any potential asbestos containing material (PACM), estimate the amount in the entire building and determine and record the condition of the ACM and PACM in the survey. Samples will be collected on friable PACM only. PACM identified in the significantly damaged and damaged conditions will be analyzed. Friable PACM in good condition will only be analyzed with the approval for the COR or his representative. ITI will maintain and store all samples collected until sent for analysis or authorized disposal by the COR or his representative. All samples not analyzed will be disposed of in accordance with all Federal, State and Local regulations. Any friable ACM or PACM in significantly damaged or damaged condition will be brought to the attention of the COR or his representative as soon as possible.
- ITI will include all information as part of the final report to include all existing ACM, any PACM and the condition of both existing asbestos and PACM.
- Installation and retrieval of government owned alpha track radon detectors.
- ITI must document all new data and integrate the 88th RSC information into the final report.

3.2 EXECUTIVE SUMMARY

ASBESTOS

Based on the review of a previous asbestos survey in 1993 & 1996 and ITI's survey of the building, ITI has concluded the following material contain asbestos:

Administration Building

CONFIRMED ASBESTOS

- Roof Flashing
 - Good Condition
- Floor Tile Mastic
 - Good Condition
- Thermal System Insulation (TSI) – Piping and Elbows (Old Section of Building)
 - Good Condition

PRESUMED ASBESTOS

- Other Roofing Materials
- Electrical Coatings
- Fire Doors

Maintenance Building

PRESUMED ASBESTOS

- Roofing Materials
- Electrical Coatings
- Fire Doors
- Cloth vibration/expansion joint material on air handler ducts

PCB'S

Based on ITI's survey of the building, ITI has concluded that the following types of transformers are located in the building:

Administration Building

- Light Ballasts – Advance RS-2540-TP (“No PCB’s” on label)
- Light Ballasts – GE 622830 (“No PCB’s on label)
- Light Ballasts – GE 89G545 (No marking on label, presumed to contain PCB’s)
- Light Ballasts – Advance Mark III, R-2540-1-TP (“No PCB’s” on label)
- Light Ballasts – Magnetek Universal 446-L-SLH-TC-P (“No PCB’s) on label)

- Light Ballasts – Universal 446-LR-TC-P (“No PCB’s on label)
- Light Ballasts – Universal RQM-2540-3TP (“No PCB’s on label)
- Light Ballasts – Advance RS-25110-2TP (“No PCB’s on label)
- Light Ballasts – Universal Cat. No. 480-X-LH-TC-P (“No PCB’s on label)
- There is a concrete pad transformer with no markings, presumed to contain PCB’s. The serial numbers are L16T03, 13800 12/208 and 84JK302068. The service is provided by XCEL Energy, Phone Number 800-481-4700.

Maintenance Building

- Light Ballasts – Advance RQM-2540-3-TP (No marking on label; however, similar transformers in the Administration Building contain a “No PCB’s” label)
- Light Ballasts – Advance Mark III, R-2E75-S-2-TP (“No PCB’s on label)

LEAD BASED PAINTS

Based on ITI’s survey for LBP, ITI has concluded that the following building products contain LBP:

Administration Building

- Rooms 6 and 7, Beige Glazed Block Wall Tiles
 - Good Condition
- Room 19 Bathroom, Mauve Ceramic Wall Tiles
 - Good Condition
- Room 19 Bathroom, Beige Metal Door Jamb
 - Good Condition
- Room 22, Tan Metal Door Jamb
 - Good Condition

Maintenance Building

- Room 1, Yellow Stripes on Floor
 - Fair Condition
- Room 4, White Metal Door and Door Jamb
 - Good Condition
- Room 5, Beige Glazed Block Walls
 - Good Condition

Note: The metal ceiling deck and support rafters are painted. This was material was not tested due to inaccessibility. Before any removal, renovation, or repairs to these components, they should be checked for the presence of lead by an accredited laboratory.

RADON

Based on the review of a previous radon survey in 1989 & 2000 and ITI's review of the records, ITI has concluded that radon exists above 4 pCi/l for this location (See Appendix D for locations).

4.0 PREVIOUS INSPECTIONS

Below are the records for previous inspections conducted at this site.

4.1 ASBESTOS

- In 1993 & 1996, asbestos sampling was conducted. See Appendix A for previous data. Section 5.0 of this report identifies the areas that were found positive for asbestos containing materials.

4.2 PCB'S

- NO PREVIOUS INSPECTIONS

4.3 LEAD BASED PAINT

- NO PREVIOUS INSPECTIONS.

4.4 RADON

- In 1989 and 2000, radon sampling (alpha tracks) was conducted. See Appendix D for previous data. Section 8.0 of this report identifies the areas that were found to contain radon gas.

5.0 ASBESTOS CONTAINING MATERIALS

During this survey conducted on 29 November 2001 and 3 August 2004, ITI accredited building inspectors under Minnesota Department of Health Asbestos Abatement Regulation, Part 4620.3330, Mr. Narciso Martinez and Mr. David Tyler, performed a walk-through of the subject building. This was performed in order to identify and delineate locations of homogeneous materials suspected of containing asbestos. A homogeneous material is defined as material that presents similar distinguishing features such as contents. Once homogeneous materials were identified, Mr. Martinez and Mr. Tyler collected bulk samples from these materials in order to confirm the presence or absence of asbestos. Samples were collected in accordance with U.S. Environmental Protection Agency (EPA) and Occupational Safety and Health Administration (OSHA).

BULK SAMPLES

An example of sample numbering scheme was as follows:

MN014*1

MN014 = Facility
*1 = Sample Number

During the Inspection, sampling locations were recorded on floor plans and are identified in Appendix A of this report.

A.E.S.L. Environmental located in Tempe, Arizona is the laboratory ITI will use for analysis of bulk samples. This independent laboratory successfully participates in the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos sample analysis. The samples are analyzed using Polarized Light Microscopy (PLM) analysis methodology coupled with dispersion staining solutions to distinguish the unique optical properties of mineral forms. Employing this method of analysis allows asbestos fiber characteristics to colonize, which enables the microscopist to verify the presence or absence, quantity and type of asbestos in the samples. Any product that contains more than one percent asbestos is considered to be ACM by EPA & OSHA. ITI performed QA/QC sampling for the total collected bulk samples (minimum of 10%). PLM results will be located in Appendix A to this report.

5.1 ASSESSMENT METHODOLOGY

All Asbestos Containing Building Materials (ACBM) were classified into the following three types of suspect materials:

1. Surfacing Materials
2. Thermal System Insulation (TSI)
3. Miscellaneous Materials

ACM identified during the building survey was assessed according to the protocol described in 40 CR 763. The protocol evaluates the risk of exposure to airborne asbestos fibers by assessing the condition of each ACM and potential for that ACM to be disturbed and generate fibers. ACM was assessed according to each of the following factors:

- (1) Damaged or significantly damaged thermal system insulation ACM.
- (2) Damaged friable surfacing ACM.
- (3) Significantly damaged friable surfacing ACM.

- (4) Damaged or significantly damaged friable miscellaneous ACM.
- (5) ACBM with potential for damage.
- (6) ACBM with potential for significant damage.
- (7) Any remaining friable ACBM or friable suspected ACBM.

ASSESSING CONDITION AND FRIABILITY

NATIONAL EMISSIONS FOR HAZARD AIR POLLUTANTS, 40 CFR Part 61, Subpart M, definitions for asbestos:

- Friable (F): ACM that can be crumbled, crushed, or reduced to powder by hand pressure.
- Nonfriable Category 1(NF1): Asbestos containing packing, gaskets, resilient floor coverings, asphalt roofing products, caulks, and mastics. These bituminous materials are assumed to remain nonfriable if demolition is performed using “normal” methods, but will become friable if severely weathered, sanded, or abraded.
- Nonfriable Category 2 (NF2): ACM excluding Category 1 nonfriable ACM, that, when dry and in its present form, cannot be crumbled, pulverized or reduced to powder by hand pressure; however, these materials may become friable during demolition activities. These products include Transite board and asbestos cement products.

The condition of ACM including severity and extent of damage is classified into one of the following categories:

- Significantly Damaged: ACM that is crumbled, blistered, gouged, marred, delaminated, or otherwise damaged either uniformly or locally over a substantial portion of its surface area.
- Damaged: ACM that is crumbled, blistered, gouged, marred, delaminated, or otherwise damaged either uniformly or locally over a small portion of its surface area.
- Good: ACM with very little or no damage.
- Potential for Disturbance: The potential for disturbance of each ACM was evaluated with respect to the types and frequency of occupancy, whether the ACM was accessible to area occupants, including vibration and air erosion.

5.2 ASBESTOS CONTAINING MATERIALS

Administration Building

CONFIRMED ASBESTOS

- Roof Flashing
According to previous reports, this material was found to contain asbestos. This material is located on the roof of the facility. This material is non friable and was in good condition at the time of the survey.
- Floor Tile Mastic, Black
According to previous reports, this material was found to contain asbestos. This material is located throughout the facility and is presumed to be under all flooring. This material is non friable and was in good condition at the time of the survey.
- Thermal System Insulation (TSI) – Piping and Elbows
Good Condition – Friable
Located in Old Section of the building, above the ceiling and exposed in many of the rooms. There are approx. 950 ln. ft. of HWS and CWS and 200 Elbows/Tees. There appears to be fiberglass in the new portion of the building – see drawing.

PRESUMED ASBESTOS

- Other Roofing Materials
- Electrical Coatings – Non Friable
- Fire Doors – Non Friable

Maintenance Building

PRESUMED ASBESTOS

- The Roof was remodeled in July 2001 with granular surfaced modified bitumen. Building documents must be reviewed to verify no asbestos containing materials were use during construction.
- Electrical Coatings – Non Friable
- Fire Doors – Non Friable
- Cloth vibration/expansion joint material on air handler ducts – Non Friable

5.3 NON ASBESTOS CONTAINING MATERIAL

Administration Building

- Fiberglass pipe insulation in new section, including Drill Hall
Located Throughout New Section
- Grey insulation on expansion tank
Located in Boiler Room
- Gray Ceiling Tile (Samples taken in Rooms 27 & 28 Addition)
Located in upstairs mezzanine in Section “A”, Drill Hall, Throughout
- Popcorn Ceiling Material (Samples Taken in Room 24, 25 & 26 Addition)
Located downstairs in Section “A”, Drill Hall, Throughout
- Vinyl Floor Tile (tan with green streaks; sample taken in Hallway)
Located throughout Main Building

- Vinyl Floor Tile (tan with brown streaks; sample taken in Room 1, Mezzanine of Drill Hall)
Located in upstairs mezzanine rooms (Section A) by Drill Hall
- Gypsum Wallboard Walls in Main Building (Samples taken in Rm. 110 and Rm. 1)
Located in Rooms 1, 2, 3, 4, 110, 111, Shop Supply, Shop Office, Binder Storage)
- Gypsum Wallboard Walls in rooms by Drill Hall (Sample taken in Room 1)
Located in all rooms in Section A by Drill Hall
- Plaster Walls (samples taken in both Men's Bathrooms)
Located in all bathrooms
- Gypsum Wallboard Ceilings (Samples taken in Main Hallway, Boiler Room, and Bathroom off Kitchen)
Located throughout Main Building
- Plaster Ceilings (Samples taken in both Men's Bathrooms)
Located in all bathrooms
- Grey Vinyl Baseboards (Sample taken in Room 101A)
Located throughout Main Building
- Black Vinyl Baseboards and white mastic (Sample taken in Room 1)
Located in Section A
- Dark brown exterior expansion joint material (Sample taken at front corner of building)
Located between exterior brick sections

Maintenance Building

- The Roof was remodeled in July 2001 with granular surfaced modified bitumen. Building documents must be reviewed to verify no asbestos containing material were use during construction.
- Grey Thermal System Insulation (Sample taken from water pipe in caged area)
Located on pipe in back left corner of building
- Gypsum Wallboard Ceiling (Sample taken in Tool Room)
Located in all rooms except Bay Area
- Dark brown exterior expansion joint material (Sample taken at front corner of building)
Located between exterior brick sections
- Brown, exterior window caulk (Sample taken at window on front of building)
Located around window frames

5.4 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings above, ITI recommends the following:

- Observations for detected asbestos was based on visible and accessible materials; therefore, asbestos containing materials may be present in inaccessible areas such as ceiling plenums, crawl spaces, attics, etc.

- An imminent asbestos hazard was not present at the facility during the site visit.

Based on the asbestos present in the building, ITI recommends the following:

- Develop and implement an O & M Plan for all known and suspect ACM
There are three primary objectives of the O & M program: (1) clean up existing contamination (2) minimize further fiber release by controlling access to ACM, and (3) maintain ACM until it is eventually removed. Properly prepared and implemented, this plan will document the building owner's prudence in dealing with asbestos in the building.

6.0 POLYCHLORINATED BIPHENYL

PCB's are mixtures of chlorinated biphenyls that are relatively nonflammable and have useful heat exchange and dielectric properties. PCB's were used in the electric industry as dielectric fluid in capacitors and transformers until 1976, when PCB's were banned from use because of their carcinogenic properties. PCB's were also used in the formulation of lubricating oils, pesticides, adhesives, plastics, inks, paints, and sealants. ITI inventoried electrical transformers and light ballasts as part of its scope.

The primary uses of potential PCB materials are associated with transformers (i.e., pad-, pole-, or wall-mounted) or light ballast. ITI recorded available information, such as the manufacturer, serial and model number, condition, date of manufacture, and location of potential PCB-containing equipment.

The principal requirements for PCB management are detailed in the Toxic Substances Control Act (TSCA) federal regulatory program, Title 40; Subchapter R, Part 761, Code of Federal Regulations (CFR). CFR Title 40 Part 761 establishes regulations for the use, storage, removal, disposal, and testing of PCB-containing equipment.

ITI used these management requirements regarding onsite PCB management as guidelines during the Site investigation.

6.1 PCB INVENTORY

ITI personnel observed the following: - Refer to drawing in Appendix B for inspection locations.

Administration Building

- Light Ballasts – Advance RS-2540-TP (“No PCB’s” on label)
- Light Ballasts – GE 622830 (“No PCB’s on label)

- Light Ballasts – GE 89G545 (No marking on label, presumed to contain PCB's)
- Light Ballasts – Advance Mark III, R-2540-1-TP (“No PCB's” on label)
- Light Ballasts – Magnetek Universal 446-L-SLH-TC-P (“No PCB's) on label)
- Light Ballasts – Universal 446-LR-TC-P (“No PCB's on label)
- Light Ballasts – Universal RQM-2540-3TP (“No PCB's on label)
- Light Ballasts – Advance RS-25110-2TP (“No PCB's on label)
- Light Ballasts – Universal Cat. No. 480-X-LH-TC-P (“No PCB's on label)
- There is a concrete pad transformer with no markings, presumed to contain PCB's. The serial numbers are L16T03, 13800 12/208 and 84JK302068. The service is provided by XCEL Energy, Phone Number 800-481-4700.

Maintenance Building

- Light Ballasts – Advance RQM-2540-3-TP (No marking on label; however, similar transformers in the Administration Building contain a “No PCB's” label)
- Light Ballasts – Advance Mark III, R-2E75-S-2-TP (“No PCB's on label)

6.2 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings above, ITI recommends the following:

- Observations for PCB's was based on visible and accessible materials, therefore, PCB's may be present in other ballasts not observed.
- An imminent PCB hazard was not present at the facility during the site visit.

Based on the labels found on the transformers, ITI recommends the following:

- Light ballast GE 1031843 does not have a label stating the absence of PCB's. Without this statement the ballast is presumed to contain PCB's and must be handled accordingly. Additional testing may be required before this ballast is disturbed or disposed. At a minimum, requirements of 40 CFR 761 must be followed should sampling be required.

7.0 LEAD BASED PAINT

During this survey, ITI inspector, Mr. Narciso Martinez performed a walk-through of the subject building on 28 November 2001 for LBP. This was performed in order to identify and delineate locations that would be sampled for lead based paint.

During the Inspection, sampling locations were recorded on working drawings and are identified in Appendix C of this report.

Samples were taken using an X-ray Fluorescence (XRF) Analyzer RMD Model LPA-1 (Serial Number 01908) manufactured by RMD, Inc. of Watertown, MA. An XRF analyzer works by exposing a paint surface to radiation emitted from a sealed source inside the instrument. The source of this radiation is cobalt-57 isotope. This radioactive material spontaneously emits energy in the form of X rays and gamma rays. When these rays are released from an XRF analyzer and hit a painted surface, the elements in the paint matrix - which can include lead – are excited and respond by emitting energy in the form of X rays characteristic of each of the elements. This response is known as Fluorescence.

In 1990 the Department of Housing and Urban Development issued the first comprehensive document addressing lead based paint in housing. This document, Lead based paint: Interim Guidelines for Hazard Identification and Abatement in Public and Indian Housing established criteria for conducting lead based paint inspections in public and Indian housing.

This Interim Guidelines described how to conduct a lead based paint inspection. State and Federal regulations use the XRF analyzer or laboratory analysis and specify a reading of 1.0 milligrams per square centimeter (XRF) and 0.5 percent by weight (Paint Chips) as the levels that require abatement.

See Appendix C for XRF report.

7.1 LEAD BASED PAINT

Based on the results of the XRF testing, the following building components tested positive for lead based paints:

Administration Building

- Rooms 6 and 7, Beige Glazed Block Wall Tiles
 - Good Condition
- Room 19 Bathroom, Mauve Ceramic Wall Tiles
 - Good Condition
- Room 19 Bathroom, Beige Metal Door Jamb
 - Good Condition
- Room 22, Tan Metal Door Jamb
 - Good Condition

Maintenance Building

- Room 1, Yellow Stripes on Floor
 - Fair Condition

- Room 4, White Metal Door and Door Jamb
 - Good Condition
- Room 5, Beige Glazed Block Walls
 - Good Condition

Note: The metal ceiling deck and support rafters are painted. This was material was not tested due to inaccessibility. Before any removal, renovation, or repairs to these components, they should be checked for the presence of lead by an accredited laboratory.

7.2 RESPONSIBLE AGENCIES

Various groups and governmental bodies have responsibilities for conducting, evaluating the quality of, or developing a hazard control strategy based upon lead based paint testing. These groups include, but not limited to the following:

- State, Indian tribe, and local governments;
- The US Department of Housing and Urban Development (HUD);
- The US Environmental Protection Agency (EPA);
- Housing authorities;
- Homeowners and landlords; and
- Lead based paint inspectors, risk assessors, and hazard control contractors.

7.3 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings above, ITI recommends the following:

- Observations for LBP's were based on visible and accessible materials, therefore, LBP's may be present in inaccessible areas.
- An imminent LBP hazard was not present at the facility during the site visit.

8.0 RADON

Radon is formed from the radioactive decay of radium, a breakdown product of uranium found in minute quantities in most soils. Because radon is an inert gas, it does not react with soil; soil merely serves as a channel through which the gas moves. Soil composition alone is not a good indicator of potential indoor radon problems because radon levels can vary considerably, by as much as a factor of 20 to 100, in the same geographic area.

The EPA regulates the maximum allowable exposure levels for radon and recommends that action be taken to reduce the levels if radon concentrations in a structure that exceeds 4 picocuries per liter (pCi/l) in air.

The objective of the Army Radon Reduction Program (ARRP) is to identify and modify all building structures owned or leased by the Army that have indoor radon concentrations greater than 4 pCi/l. According to the ARRP, if the radon concentration is

4 pCi/l or less and the measured building is geologically and structurally representative of the installation, no further action is required. The 88th RSC has conducted radon surveys at this site in 1989 and 2000 which included placement, retrieval, and analysis of alpha track canisters, which detect alpha particles emitted from radon.

Laboratory results indicate that radon canisters contain concentrations of greater than 4.0 pCi/l. In accordance with AR 200-1 and based on laboratory analysis of the radon canisters provided by the 88th RSC, ITI recommends further abatement action for this site.

SEE APPENDIX D FOR RADON RESULTS.

There were results over 4 piCu/l for this location.

8.1 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings above, ITI recommends the following:

- An imminent Radon hazard is present at the facility.
- According to the survey data as provided in appendix D, there were results over 4 piCu/l for this location.

9.0 ACTION SUMMARY

ASBESTOS

Based on the review of a previous asbestos survey in 1993 & 1996 and ITI's survey of the building, ITI has concluded the following material contain asbestos:

Administration Building

CONFIRMED ASBESTOS

- Roof Flashing
 - Good Condition
- Floor Tile Mastic
 - Good Condition
- Thermal System Insulation (TSI) – Piping and Elbows (Old Section of Building)
 - Good Condition

PRESUMED ASBESTOS

- Other Roofing Materials
- Electrical Coatings
- Fire Doors

Maintenance Building

PRESUMED ASBESTOS

- Roofing Materials
- Electrical Coatings
- Fire Doors
- Cloth vibration/expansion joint material on air handler ducts

Based on the findings above, ITI recommends the following:

- Observations for detected asbestos was based on visible and accessible materials; therefore, asbestos containing materials may be present in inaccessible areas such as ceiling plenums, crawl spaces, attics, etc.
- An imminent asbestos hazard was not present at the facility during the site visit.
- Develop and Implement and O & M Plan

PCB'S

Based on ITI's survey of the building, ITI has concluded that the following types of transformers are located in the building:

Administration Building

- Light Ballasts – Advance RS-2540-TP (“No PCB’s” on label)
- Light Ballasts – GE 622830 (“No PCB’s on label)
- Light Ballasts – GE 89G545 (No marking on label, presumed to contain PCB’s)
- Light Ballasts – Advance Mark III, R-2540-1-TP (“No PCB’s” on label)
- Light Ballasts – Magnetek Universal 446-L-SLH-TC-P (“No PCB’s) on label)
- Light Ballasts – Universal 446-LR-TC-P (“No PCB’s on label)
- Light Ballasts – Universal RQM-2540-3TP (“No PCB’s on label)
- Light Ballasts – Advance RS-25110-2TP (“No PCB’s on label)
- Light Ballasts – Universal Cat. No. 480-X-LH-TC-P (“No PCB’s on label)
- There is a concrete pad transformer with no markings, presumed to contain PCB’s. The serial numbers are L16T03, 13800 12/208 and 84JK302068. The service is provided by XCEL Energy, Phone Number 800-481-4700.

Maintenance Building

- Light Ballasts – Advance RQM-2540-3-TP (No marking on label; however, similar transformers in the Administration Building contain a “No PCB’s” label)
- Light Ballasts – Advance Mark III, R-2E75-S-2-TP (“No PCB’s on label)

Based on the findings above, ITI recommends the following:

- Observations for PCB’s were based on visible and accessible materials, therefore, PCB’s may be present in other ballasts not observed.
- An imminent PCB hazard was not present at the facility during the site visit.
- Any ballast not labeled “Non PCB’s” must be handled according to Federal and State regulations for proper disposal.

LEAD BASED PAINTS

Based on ITI’s survey for LBP, ITI has concluded that the following building products contain LBP:

Administration Building

- Rooms 6 and 7, Beige Glazed Block Wall Tiles
 - Good Condition
- Room 19 Bathroom, Mauve Ceramic Wall Tiles
 - Good Condition
- Room 19 Bathroom, Beige Metal Door Jamb
 - Good Condition
- Room 22, Tan Metal Door Jamb
 - Good Condition

Maintenance Building

- Room 1, Yellow Stripes on Floor
 - Fair Condition
- Room 4, White Metal Door and Door Jamb
 - Good Condition
- Room 5, Beige Glazed Block Walls
 - Good Condition

Note: The metal ceiling deck and support rafters are painted. This material was not tested due to inaccessibility. Before any removal, renovation, or repairs to these components, they should be checked for the presence of lead by an accredited laboratory.

Based on the findings above, ITI recommends the following:

- Observations for LBP's was based on visible and accessible materials, therefore, LBP's may be present in inaccessible areas.
- An imminent LBP hazard was not present at the facility during the site visit.
- Workers need to take appropriate safe guards when working, i.e., cutting, grinding, sanding, welding, etc., on areas identified with LBP.
- Conduct a TCLP for all areas identified with LBP prior to disposal.

RADON

Based on the review of a previous radon survey in 1989 & 2000 and ITI's review of the records, ITI has concluded that radon exists above 4 pCi/l for this location (See Appendix D for locations).

Based on the findings above, ITI recommends the following:

- An imminent Radon hazard present at the facility.
- According to the 88th RSC's survey data as provided in appendix D, there were no results over 4 pCi/l for this location.

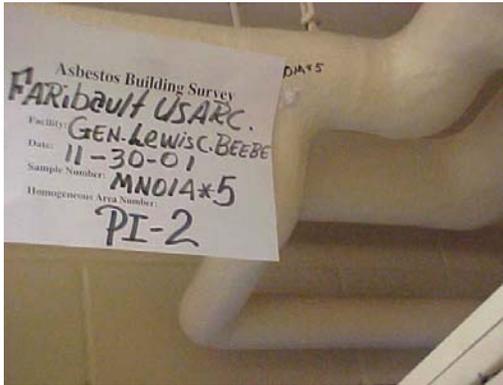
10.0 WARRANTY

The field and laboratory results reported herein (only if samples are collected and/or analyzed) are considered sufficient in detail and scope to determine the presence of accessible and/or exposed suspect asbestos, PCB's, LBP's or radon gas in the facility. ITI warrants that the findings contained herein have been prepared in general accordance with accepted professional practices at the time of its preparation as applied by similar professionals in the community. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed into this report.

The survey and analytical methods have been used to provide the client with information regarding the presence of accessible and/or exposed suspect asbestos, lead, PCB's or radon in the facility at the time of the inspection. Test results are valid only for material tested. There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site visit. This inspection covered only suspect accessible materials with no destructive survey techniques. The study is also limited to the information available from the client at the time it was conducted.

This report is not intended to be an asbestos, lead based paint, PCB or Radon risk assessment, management plan or project design document and should not be used for the purpose of obtaining quotes.

11.0 SITE PHOTOGRAPHS



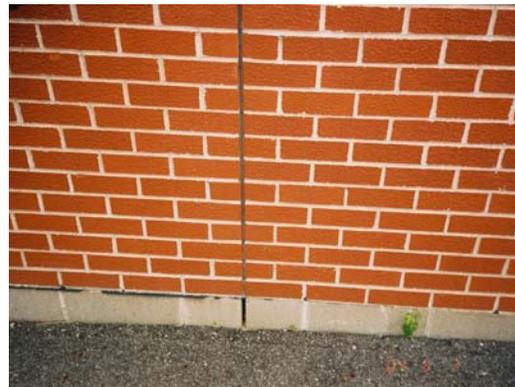
Asbestos Pipe Insulation



Asbestos on Elbows



Fiberglass on Pipe Runs



Exterior Expansion Joint (non asbestos)



USARC Exterior



OMS Exterior



PROJECT REPORT

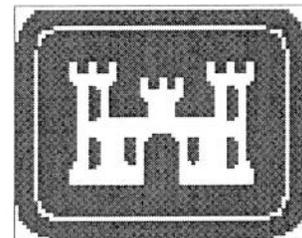
RANGE CLEANUP – MN014, 88th RSC
GENERAL BEEBE U.S. ARMY RESERVE
CENTER
FARIBAULT, MINNESOTA



Contract No. DACA 27-99-D-0021
Delivery Order No. 0005

Submitted to:

U.S. Army Corps of Engineers
Louisville District
Environmental Engineering Branch



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1.0 Introduction

This document presents the report for cleanup activities at the 88th RSC facility located at 2119 Highway 60, Faribault, Minnesota 55021 (Figure 1-1). The cleanup activities were based on the Scope of Work (SOW) provided by the U.S. Army Corps of Engineers (USACE) Louisville District (CELRL) and a site inspection conducted on November 21, 2000.

1.1 Property/Project Identifiers

- Facility ID Number: MN014
- State: Minnesota
- Facility Name: General Beebe U.S. Army Reserve Center
- City: Faribault.

1.2 Site Description

1.2.1 Inspection Information

Ms. Julie Warner of IT Corporation inspected the range on November 21, 2000. Figure 1-2 presents the facility layout. The three-position range with an electronic target retrieval system was located on the ground floor of the facility. No sand was present, but a small amount of lead shot was observed scattered on the range floor. There was no access door to the bullet trap in order to determine the presence of lead shot behind the bullet trap.

The walls were partially covered with a fiberboard sound deadening material. The ceiling was covered with acoustical tile and a partial drop ceiling. A floor drain was located in the range.

No other investigations (e.g., lead inspections or asbestos assessments) are known to have been conducted at the range.

1.2.2 Pre-Cleanup Characteristics

1.2.2.1 Number of Firing Points

The range had three firing points.

1.2.2.2 Bullet Trap Characteristics

The bullet trap was a steel deflector system without sand.

1.2.2.3 Range Characteristics

The range, which is located on the first floor, was constructed of the following:

- Floor – concrete
- Walls – concrete block partially covered with a fiberboard sound deadening material
- Ceiling – concrete covered with acoustic tile and a partial drop ceiling.

Other features included:

- Stored items, including a table, three chairs, a floor fan, six bags of sand, and three empty cardboard boxes
- Three-position, hardened steel bullet trap
- Electronic retrieval system
- Overhead hot water heat
- Multiple banks of fluorescent lights spaced across the ceiling.

1.2.2.4 Suspect Asbestos Containing Materials (ACM) Inventory

A sample of acoustic ceiling tile tested negative for asbestos.

1.2.2.5 Air Handling Systems Description

The air handling system at the site consisted of the following:

- Clean air vents above drop ceiling behind firing line
- Roof-mounted exhaust fan above bullet trap area.

1.2.2.6 Access Points

The only access to the firing range is via an entry door near the firing line.

1.3 Scope of Work

The Scope of Work consisted of the following:

- Cleaning/removing stored items
- Removing sound deadening board and acoustical tile ceiling
- Removing the bullet trap and associated lead (no sand)
- Cleaning the range
- Cleaning and removing the air handling system
- Collecting clearance samples
- Scabbling and sealing the floor, if necessary, based on clearance data.

The U.S. Army Reserve Command (USARC) recognized safety and health hazards from lead-dust in indoor rifle ranges; however, regulations supporting cleanup remedies dealt primarily with non-industrial standards. After reviewing information relative to cleaning methods and clearance sampling, the value of 200 micrograms per square foot ($\mu\text{g}/\text{sf}$) was derived as a value that would release the indoor ranges as a room that could be reoccupied as a non-lead work area. This value has also been selected by other federal agencies as acceptable.

2.0 Project Team

The project team involved with the cleanup activities included the following organizations and their representatives:

- Project Initiator – USARC
Ken Coulter – Facility Support Branch, U.S. Army Reserve Engineer

- Client – 88th RSC

- Construction Manager – USACE, Louisville District
Project Manager – Mark Ringenberg
Contracting Officer’s Representative – David Dierken
Construction Inspectors – Michelle Kasprisin

- Contractor – IT Corporation
Project Manager – Bill Scoville
Site Supervisor – Chuck Heffelfinger
Site Safety Officer/Construction Quality Control Engineer – Chad Keckler

- Subcontractors
Range Clearance Inspection and Sampling – Legend Technical Services, Inc., St. Paul, Minnesota
Hazardous Decontamination Water Disposal Facility – Heritage Environmental, Indianapolis, Indiana
Non-hazardous Debris Disposal Facility – Spruce Ridge Resource Management, Glencoe, Minnesota
Fluorescent Light Tubes – Heritage Environmental, Indianapolis, Indiana
PCB Light Ballasts – Lighting Resources, Greenwood, Indiana
Recycled Metal Facility – Scrapbusters, Inc., Elko, Minnesota.

3.0 Project Activities

This section details the project activities performed at the 88th RSC facility located at 2119 Highway 60, Faribault, Minnesota. The cleanup activities consisted of the following:

- Range Removal Activities (Section 3.1)
- Range Cleaning Activities (Section 3.2)
- Range Clearance Inspection and Sampling (Section 3.3)
- Waste Management, Transportation, and Disposal (Section 3.4)
- Site Monitoring (Section 3.5).

The following sections discuss the operational details associated with the implementation of each of these activities.

Range cleanup activities commenced on January 23, 2001, and continued through March 22, 2001. Photographs of cleanup activities are included in Appendix A. Major schedule milestones include:

- Commenced field work on January 23, 2001.
- Completed initial range cleanup activities on February 27, 2001, and demobilized pending clearance sampling and receipt of clearance sampling results. Conducted initial clearance sampling on March 2, 2001.
- Remobilized to the site on March 22, 2001, for additional cleaning; the result of the clearance sample collected on March 22, 2001, indicates that the cleanup performance standards had been attained.

In summary, the following work was performed:

- Double-washed and HEPA-vacuumed the range
- Achieved cleanup of range concrete floor surface to 200 µg/sf
- Removed and disposed of three drums (160 gallons) of lead-contaminated water

- Removed and recycled two roll-off boxes (16,740 pounds) of scrap steel
- Removed and disposed of two roll-off boxes (10,620 pounds) of non-hazardous debris
- Removed and recycled two boxes (60 pounds) of fluorescent light tubes
- Removed and recycled two pails (75 pounds) of PCB light ballasts.

3.1 Range Removal Activities

The range was prepared for lead cleanup activities by completion of the following actions from January 23 through January 26, 2001:

- Wiped and cleaned stored items and moved them to a location identified by facility personnel.
- Removed and cut-up approximately 16,740 pounds of steel from the bullet deflector/backstop system, light protectors, bullet trap, and air exhaust fan and placed materials in scrap steel roll-off boxes for recycling. All scrap steel was decontaminated using a lead-clean solution.
- Removed overhead lights, soundboard and acoustical tile on ceiling and walls, and other range accessories (e.g., firing line).

3.2 Range Cleaning Activities

On January 27, 2001, when removal activities were completed, the firing range was initially cleaned. To remove as much dust and remaining debris as possible, the firing range was vacuumed using a HEPA vacuum. All surfaces were vacuumed, starting at the end farthest from the main entrance (the bullet trap area) and moving towards the main exit, beginning with the top of the room and working down. All vacuumed materials were containerized and later recycled with the scrap metal.

The walls were washed with a commercial detergent and lead barrier paint was applied to the back and side walls of the bullet trap area.

Floor cleaning activities consisted of the application of the following cleaning solutions:

- Trisodium Phosphate
- HMCS-101, manufactured by Chemical Solutions, International.

These solutions were applied in accordance with the manufacturers' recommendations; floor scrubbers were used to increase the effectiveness of the solutions. After the excess solution was removed with wet-dry vacuums, the floor was rinsed with hot water until the water being vacuumed was visibly clear of dirt and suds. All decontamination water was containerized in 55-gallon drums. Copies of the Material Safety Data Sheets for the cleaning solutions are provided in Appendix B.

Additional cleaning was performed on March 22, 2001, using HMCS-101 (undiluted).

3.3 Range Clearance Inspection and Sampling

Upon completion of cleaning activities and prior to clearance sampling, a visual inspection was conducted of the areas potentially affected by the lead hazard control project. The inspection was conducted on March 2, 2001, by Keith Giorgi, Certified Lead Risk Assessor (License No. MN LR231) of Legend Technical Services, Inc., St. Paul, Minnesota. The purpose of the inspection was to determine whether the work was completed as required on all interior surfaces treated, as specified in the original project scope and as indicated in the project report, and whether visible settled dust or debris was present.

The visual examination included a surface-by-surface examination to determine if known or suspected lead-dust surfaces were still present in the range. Lead hazard removal verification was documented on a Visual Clearance Form (Appendix C). All interim controls were verified visually to confirm stabilization of all lead dust surfaces, including any friction or impact surfaces treated during the project.

The visual examination verified the absence of visual dust in all rooms and on all surfaces treated. The absence of all waste and debris was also verified.

When acceptable visual examination results were received, clearance dust sampling commenced. Clearance dust sampling consisted of collecting single-surface dust wipe samples and analyzing them for lead content to determine whether lead concentrations exceeded clearance criteria (the clearance standard for this project is 200 µg/sf).

A total of seven dust wipe samples were collected from the following locations:

- Four dust wipe samples from:
 - South firing lane, near bullet trap (001DT)
 - Center firing lane, center (002DT)
 - North firing lane, near firing line (004DT)
 - Garage, near entrance to range (005DT)

- One split sample (003DT)

- One field blank sample (006DT)

- One spike sample (007DT).

Sample 005DT was found to have a lead level above the clearance criteria of 200 µg/sf. After recleaning the floor, one additional wipe sample was collected by Chad Keckler of IT Corporation on March 22, 2001, from the garage, near the entrance to the range.

Figure 3-1 shows the locations where clearance samples were collected. Sampling procedures are discussed in Section 4.1; analytical results are presented on Table 4-1. The clearance inspection and dust wipe sample collection forms and the analytical reports are included in Appendices C and D.

3.4 Waste Management, Transportation, and Disposal

One composite sample of debris was collected by Julie Warner of IT Corporation on November 21, 2001, and analyzed for lead by U.S. Environmental Protection Agency (USEPA) Method SW-846 7420. The analysis was performed by Custom Analytical Services, Inc., in accordance with USEPA Toxicity Characteristic Leaching Procedure (TCLP) Method 1311. As indicated by the analytical results presented in Table 3-1, the debris materials are not Resource Conservation and Recovery Act (RCRA) hazardous. Copies of the analytical report and laboratory certification are provided in Appendix E.

Hazardous wastes generated during cleanup activities included:

- Three drums (160 gallons) of lead contaminated decontamination water were transported by Heritage Transport and taken to Heritage Environmental Services in Indianapolis, Indiana, on March 14, 2001, for treatment.
- Two pails (75 pounds) of PCB light ballasts were transported by Heritage Transport and taken to Lighting Resources, Greenwood, Indiana, on March 14, 2001, for recycling.

Table 3-2 summarizes these hazardous waste shipments. Copies of the waste profiles, Land Disposal Restriction (LDR) notification, and hazardous waste manifests are provided in Appendix F.

Non-hazardous waste generated during project activities and subsequently disposed of includes:

- Scrap metal from the back stop, overhead light protectors, and air exhaust system – two roll-off boxes (16,740 pounds) of scrap metal were transported by Scrapbusters, Inc., and taken to its facility in Elko, Minnesota, on January 26 and 30, 2001, for recycling.
- Demolition debris, including acoustical tile and sound deadening material – two roll-off boxes (10,620 pounds) of debris were transported by Waste Management, and taken to Spruce Ridge Resource Management, Glencoe, Minnesota, on January 29 and 30, 2001, for landfilling.
- Used fluorescent light tubes – two boxes of tubes (60 pounds) were transported by Heritage Transport and taken to Heritage Environmental Services, Indianapolis, Indiana, on March 14, 2001, for recycling.

Table 3-3 summarizes these non-hazardous waste shipments. Copies of the non-hazardous waste shipping documents are provided in Appendix G.

3.5 Site Monitoring

Personal and area air monitoring for lead were conducted during lead removal operations. Information on airborne lead sampling and analytical methods is presented in Section 4.2 of this report. A copy of the site monitoring data is provided in Appendix H.

4.0 Sample Collection and Analysis

4.1 Lead Wipe Sampling Summary

To confirm that the lead contamination had been removed from the floor of the range, on March 2, 2001, personnel from Legend Technical Services, Inc. collected the samples described in Section 3.3, following procedures presented in the project Work Plan. An additional sample was collected by IT Corporation on March 22, 2001.

Horizontal surfaces were sampled to determine total lead content in the settled dust. Lead-in-dust wipe samples were generally secured over a 1-sf area following an “S” pattern from side-to-side, folded in half, and wiped over the same area at a 90° angle to the first “S” pattern (top-to-bottom). Latex gloves were changed between sampling episodes. Samples were then returned to the vials, sealed, and labeled for transport to the laboratory.

Split, field blank and spike samples were also prepared and submitted for analysis. The split sample was prepared by cutting one sample in two, which is the closest approximation to a duplicate sample that is possible for this matrix. The field blank was prepared by removing and replacing the cap of the vial in the sampling area. The spike sample was prepared in the laboratory by treating sampling media with a known quantity of lead dust.

All lead-in-dust wipe samples were acid digested in accordance with USEPA Method SW-846 6010B. Results of the wipe sample analyses are summarized in Table 4-1 and are detailed in the laboratory analytical reports provided in Appendices C and D. Wipe sample locations are shown on Figure 3-1. Copies of the Visual Clearance Form and the Dust Sampling Form are also provided in Appendices C and D.

The analytical results in Table 4-1 may be summarized as follows:

- After the initial cleaning, the range floor had lead levels from 24 µg/sf (north firing lane, near firing line) to 33 µg/sf (south firing lane, near bullet trap). The floor outside the entrance door had a lead level of 620 µg/sf. Because the floor outside the entrance door exceeded the clearance criteria of 200 µg/sf, additional cleaning was performed.

- A sample collected on March 22, 2001, showed that the floor outside the entrance door lead level was below the clearance criteria of 200 µg/sf.

Thus, based on these results, the clearance criteria of 200 µg/sf has been attained.

Via a letter dated March 28, 2001, the facility was notified that the clearance levels were attained and that the range could be reoccupied. A copy of the clearance certification letter is provided in Appendix I.

4.2 Air Monitoring Sampling Summary

IT Corporation performed airborne lead monitoring. Monitoring was conducted from January 23 through 26, 2001.

Air monitoring consisted of taking background, personal, excursion, and perimeter samples throughout this project to comply with Occupational Safety and Health Administration (OSHA) and EPA rules and regulations during lead clean-up.

All air samples were prepared and analyzed in accordance with NIOSH Method 7300 using a Thermo Jarrell Ash 61E (ICP) purged spectrometer. A copy of the air monitoring data is provided in Appendix G.

5.0 Conclusions

In total, all the range structures associated with the indoor range at the General Beebe U.S. Army Reserve Center, Faribault, Minnesota, were successfully removed, characterized for disposal, and properly disposed of as indicated below:

- Hazardous, Lead Contaminated Waste – three drums (160 gallons) of water
- Recycled Metal – two roll-off boxes (16,740 pounds) of scrap metal
- Non-hazardous Waste – two roll-off boxes (10,620 pounds) of debris
- Fluorescent light tubes – two boxes of tubes (60 pounds)
- PCB light ballasts – two pails (75 pounds) of ballasts.

All removal activities were performed as specified in the project Scope of Work and Work Plan, using direct Health and Safety support involving personal and area air monitoring.

Clearance wipe samples document that residual lead levels in the range concrete are below the clearance level of 200 $\mu\text{g}/\text{sf}$. At the completion of site operations for this activity, all planned objectives were met. Based on a review of the clearance wipe sample data, IT concludes that no further range cleanup is necessary for the General Beebe facility. IT further certifies that the range cleaning activities have successfully attained the project clearance objectives and the range is approved for reoccupancy. Range clearance procedures consisted of the following:

- A surface-by-surface visual examination to verify that:
 - The lead hazard control work was completed as required
 - No known or suspected lead dust surfaces are still present in the range at levels that exceed the project clearance level of 200 $\mu\text{g}/\text{sf}$.
- Clearance sampling consisting of collecting wipe samples from the floor surfaces and analyzing the samples for lead.

Please note that although the range has been cleaned to below the project clearance levels, small amounts of lead dust may be present in the range. The OSHA Construction Industry Standard for Lead (29 CFR 1926.62) should be reviewed before any remodeling activities that may cause a release of dust on wall and floor surfaces are undertaken. The OSHA standard requires certain

controls to reduce or maintain worker exposures less than the Permissible Exposure Limit (PEL) of 50 $\mu\text{g}/\text{m}^3$ of lead. The employer must protect the worker from lead.

TABLES

Table 3-1
Disposal Sample Analytical Results
General Beebe U.S. Army Reserve Center, MN014
Faribault, MN

Sample ID	88thFARIBAULT MN010501G501	TCLP Regulatory Limit
Media	Solid	
Sample Date	11/21/00	
TCLP Metals (mg/L)		
Lead	<4.0	5

Table 3-2
 Hazardous Waste Disposal Log
 General Beebe U.S. Army Reserve Center, MN014
 Faribault, MN

Waste Type	Code	Shipment Date	Volume/ Weight	Transporter	TSD Facility	Manifest	Doc. #	Disposal Method
Decontamination Water	D008	03/14/01	3 Drums (160 gal)	Heritage Transport, LLC	Heritage Environmental Services, Indianapolis, IN	MN222785	31209	Treatment
PCB Light ballasts	UN2315	03/14/01	2 pails (75 lbs)	Heritage Transport, LLC	Lighting Resources, Greenwood, IN	MN222799	31208	Recycle

Table 3-3
 Non-Hazardous Waste Disposal Log
 General Beebe U.S. Army Reserve Center, MN014
 Faribault, MN

Waste Type	Shipment Date	Volume/Weight		Transporter	TSD Facility	Documentation	Disposal Method
		Volume	Weight				
Scrap metal	01/26/01		13,160 lbs	Scrapbusters, Inc. Elko, MN		Weight tickets	Recycle
	01/30/01		3,580 lbs				
Demolition debris	01/29/01		6,280 lbs	Waste Management/ North Central Region	Spruce Ridge Resource Management, Glencoe, MN	Ticket 11069	Landfill
	01/30/01		4,340 lbs				
Fluorescent light tubes	03/14/01		2 boxes (60 lbs)	Heritage Transport, LLC Indianapolis, IN		MN222785	Recycle

Table 4-1
Lead Wipe Clearance Sample Results ($\mu\text{g}/\text{sf}$)¹
General Beebe U.S. Army Reserve Center, MN014
Faribault, MN

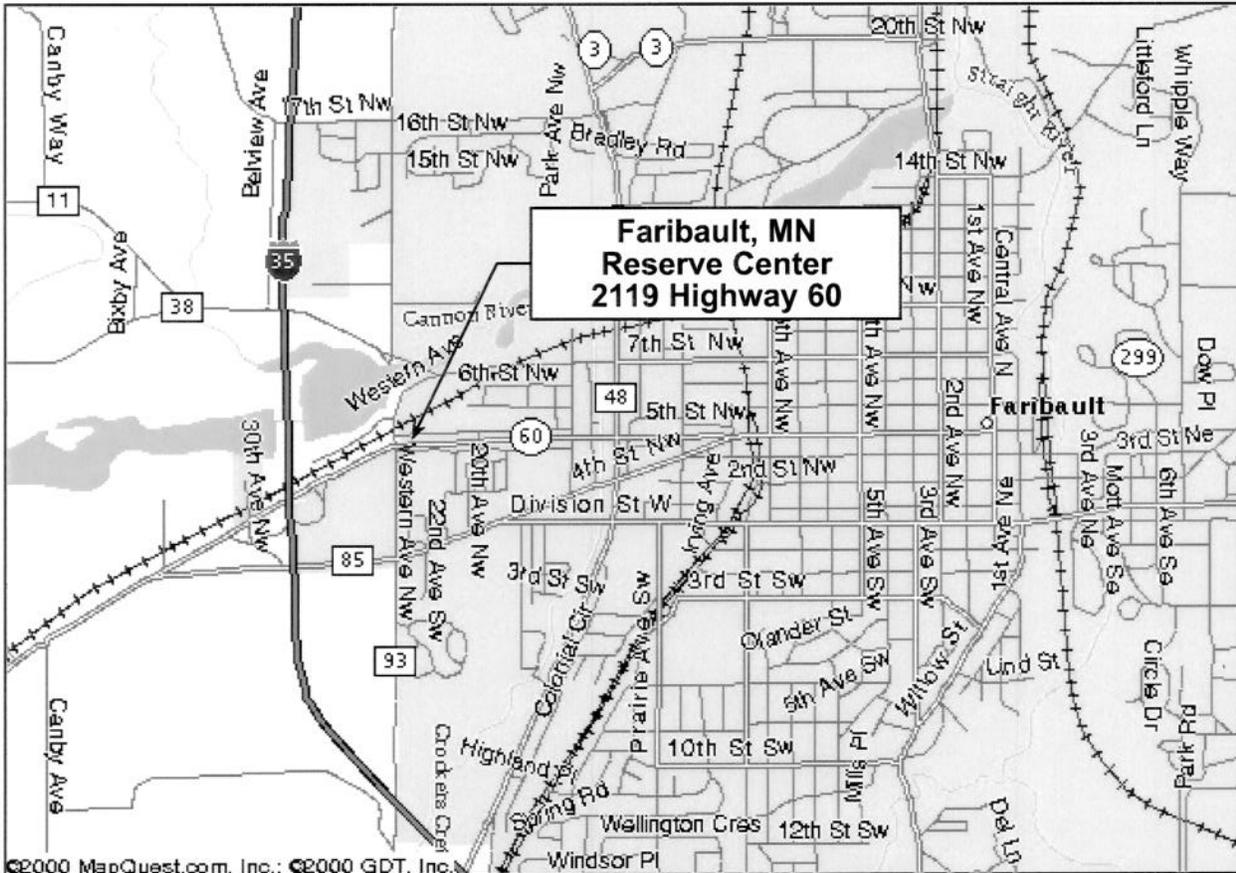
Site/Date Code	88MNFAR01MAR02			88MNFAR01MAR22	
Sampler	Legend Technical Services Inc			IT Corporation	
Location	Sample ID ²	Result ³	Comments	Sample ID ²	Result ³
South firing lane, near bullet trap	001DT	33			
Center firing lane, center	002DT	13			
Center firing lane, center	003DT	12	Split of 002DT		
North firing lane, near firing line	004DT	24			
Garage area, near range entrance door	005DT	620		001DT	6.4
Blank	006DT	<2			
Spike	007DT	250	243 μg spike		

⁽¹⁾ = Results expressed in micrograms per square foot ($\mu\text{g}/\text{sf}$) of surface area, except field blank and spike sample, which are $\mu\text{g}/\text{wipe}$.

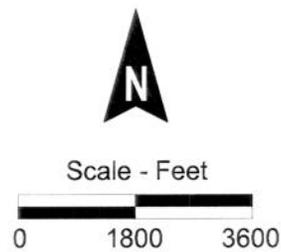
⁽²⁾ = Legend Technical Services used an incorrect sample ID format. The correct format is reflected in this table.

⁽³⁾ = Results (other than blanks or spikes) in **bold** type are below the clearance level of 200 $\mu\text{g}/\text{sf}$.

FIGURES



©2000 MapQuest.com, Inc.; ©2000 GDT, Inc.



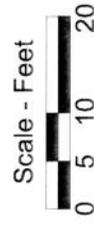
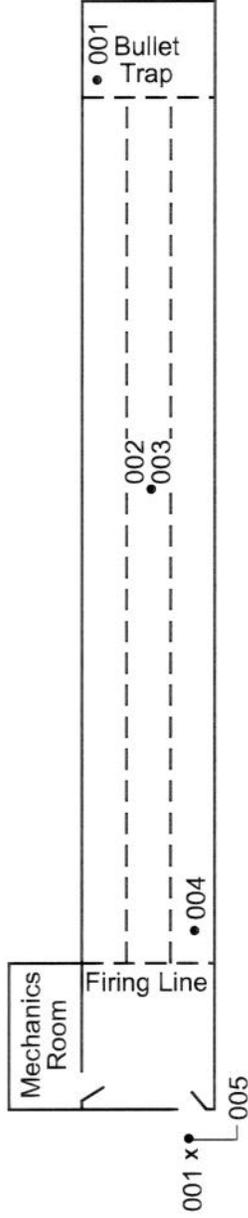
Source Map: MapQuest.com, Inc.



DRAWING NO.	K-807744-0301-2/02-W
CHECKED BY	KM/S
APPROVED BY	2/7/02
DRAWING BY	

Figure 1-1.
Site Location Map.
Faribault, MN (MN014) Reserve Center.





Legend	
Symbol	Sample Date
●	2 Mar 01
x	22 Mar 01



Figure 3-1.
Clearance Wipe Sample Locations.
Faribault, MN (MN014) Reserve Center.

DRAWING BY	KMS	CHECKED BY		DRAWING NO.
	2/8/01	APPROVED BY		K-807744-0395-2/01-W

APPENDIX I
Clearance Certification Letter



IT Corporation

11499 Chester Road
Cincinnati, OH 45246-4012
Tel. 513.782.4700
Fax. 513.782.4807

A Member of The IT Group

March 28, 2001

Mr. Mark Green
Facility Manager
General Beebe US Army Reserve Center
2119 Highway 60
Faribault, MN 55021-4891

RE: Range Cleaning Clearance Certification
USARC Nationwide Indoor Rifle Range Cleanup Project
Contract No. DACA 27-99-D-0021, Delivery Order No. 5

Dear Mr. Green:

With this letter, IT Corporation certifies that the recent range cleaning activities have successfully attained the project clearance objectives and the range is approved for your reoccupancy. Range clearance procedures consisted of the following:

- A surface-by-surface visual examination to verify that:
 - The lead hazard control work was completed as required
 - No known or suspected lead-dust surfaces are still present in the range at levels that exceed the project clearance level of 200 $\mu\text{g}/\text{sf}$.
- Clearance sampling consisting of collecting wipe samples from the floor surfaces and analyzing the samples for lead.

A formal project report for the range cleanup will be submitted upon completion of all waste disposal activities and receipt of disposal certificates.

Please note that although the range has been cleaned to below the project clearance levels, small amounts of lead dust may be present in the range. Any remodeling activities that may cause a release of dust on wall and floor surfaces should be undertaken in consideration of the Occupational Safety and Health Administration (OSHA) Construction Industry Standard for Lead (29 CFR 1926.62). This OSHA standard should be reviewed before any remodeling activities are conducted. The OSHA standard requires certain controls to reduce or maintain worker exposures less than the Permissible Exposure Limit (PEL) of 50 μg of lead per cubic meter (m^3). The employer must protect the worker from lead.

Mr. Mark Green

2

3/28/01

We appreciated your cooperation and support during the range cleanup. Should you have any questions, please contact the undersigned at (513) 782-4700.

Sincerely,

IT CORPORATION



William H. Scoville, P.E.

Project Manager

cc: David Dierken, U.S. Army Corps of Engineers, Louisville District
Kurt Zacharias, 88th RSC Environmental Engineer
Steven Angerthal, 88th RSC Environmental Engineer
Steve Bragg, 88th RSC State Environmental Manager – MN
Michelle Kasprisin, U.S. Army Corps of Engineers, Louisville District

FINAL

**OWS SYSTEM CLOSURE REPORT
GEN. BEEBE USARC/AMSA # 111 (G) (MN014)
FARIBAULT, MINNESOTA**

88TH REGIONAL READINESS COMMAND - MINNESOTA

DATE: February 2004

CLIENT: U.S. Army Armor Center and
Fort Knox Environmental Management Division

PROJECT NAME: OWS System Closure Report

PROJECT LOCATION: Gen. Beebe USARC/AMSA #111 (G), Faribault, Minnesota

CONTRACT NUMBER: DABT23-00-D-1012, Delivery Order #014

PREPARED BY: Jones Technologies, Inc.

EXECUTIVE SUMMARY

Jones Technologies, Inc. (JTI) was retained by the 88th Regional Readiness Command (RRC) to clean an Oil/Water Separators (OWS), clean trench drains, remove a Vehicle Wash Facility (VWF) with associated grit trap, and close a can wash at the Gen. Beebe USARC/AMSA #111 (G) Faribault, Minnesota. The Gen. Beebe USARC/AMSA #111 (G) is located at 2119 Highway 60 on the south side of Faribault, Minnesota, in Rice County, approximately one mile east of Minnesota 94. JTI subcontracted Hard Hat Services, Inc. (HHSI) to provide the field personnel and services for the cleaning, removal and restoration. JTI and HHSI accomplished the field work from April 26-27, 2002.

An oil/water separator (OWS) was observed by the 88th RRC State Environmental Manager (SEM) during a visit to the facility. The SEM made visual observations about the condition of the OWS, source drain, and discharge point. The OWS was located inside the Organizational Maintenance Shop (OMS). The concrete circular OWS was identified at ground surface by a steel circular cover. The OWS was connected to a VWF with a sediment trap, can wash, and the OMS trench drains.

HHSI used a vacuum truck to remove liquid/sludge from the OWS, trench drains, VWF grit trap, and can wash drain prior to pressure washing. Following pressure washing, the 800 gallons of liquid/sludge and pressure wash rinsate were transported as a non-hazardous waste to B&B Drain Cleaning & Pumping, Faribault, Minnesota for disposal. No liquid/sludge remained in OWS, OMS trench drains, VWF grit trap, and can wash drain following the pressure washing. The OWS was recharged and placed back in service. The OMS trench drains were also returned to service.

The 26 by 36 foot VWF contained a few visible cracks in the concrete pad but the structural integrity appeared intact. The VWF had a center "basket-type" grit trap. The VWF curb was demolished using a pneumatic hammer. Approximately 2 feet of concrete around the perimeter of the VWF was saw-cut and removed to facilitate the application of asphalt. Concrete rubble was transported off-site for disposal at Archambault & Brothers Disposal and Heselton Construction; both located in Faribault, Minnesota. The VWF grit trap and periphery of the VWF were screened with a Photo Ionization Detector prior to plugging and paving. No elevated readings were observed. A sealed bag PID headspace analysis of a sample from the VWF perimeter excavation showed no indication of the release of hydrocarbons to the environment. The VWF grit trap drain line was plugged with concrete and the grit trap abandoned in-place. No basal soil sample was collected from the VWF area. The VWF excavation was compacted with a backhoe, contoured and paved with asphalt. A water supply line to the VWF was cut 6 feet below grade, capped and the area backfilled to grade.

The can wash was 10' by 16' and contained a few visible cracks in the concrete but the structural integrity was intact. The can wash had a curb on all four sides. The structure was demolished with a pneumatic hammer. PID screening of the can wash drain indicated no elevated readings. PID head space analysis of soils from the periphery of the can wash showed no elevated readings. The can wash drain was plugged with concrete. The can wash area was restored with asphalt to maintain the surrounding drainage patterns.

OWS, trench drains and grit traps are part of the Faribault USARC facility's wastewater collection system. The State of Minnesota Underground Storage Tank Regulations, Chapter 7150.010, exclude these types of wastewater collection systems and flow-through process tanks from management as USTs. However, to prudently manage OWS and grit trap removal, JTI utilized the State of Minnesota guidance document Risk-Based Guidance for the Soil-Human Health Pathway, Vol 2, Working Draft January 1999—Tier 1 (Screening) Soil Reference Values, Table A3.1. Additional consideration was given to State of Minnesota Pollution Control Agency Fact Sheet # 3.6 Excavation of Petroleum Contaminated

Soils During Tank Removal; February 2001 to provide guidance on TPH screening levels. Laboratory analyses were not required at this facility since neither the OWS nor grit traps were removed.

No further action is recommended for this site based on:

- The OWS were inspected after pressure cleaning and appeared to be intact with no visible cracks or breaches of the structure.
- The trench drains were inspected after pressure cleaning and appeared to be intact with no breaches in structure.
- The VWF grit trap was inspected and appeared to be intact with no visible cracks or breaches of the structure.
- The can wash grit trap was inspected and appeared to be intact with no visible cracks or breaches of the structure.
- Visible and odor observations in the VWF grit trap and can wash excavations noted no evidence of leakage, spillage, or other conditions that would indicate either of these structures released liquids to the environment.
- Head space bag sample PID screening did not indicate any release of chemicals of concern.
- PID screening of the VWF grit trap, and can wash grit trap did not indicate the release of chemicals of concern.

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LIST OF ACRONYMS

CDR	Commander
EPA	Environmental Protection Agency
GPS	Global Positioning System
HHSI	Hard Hat Services, Inc.
ID	Identification
JTI	Jones Technologies Incorporated
mg/kg	milligram/kilogram
OMS	Organizational Maintenance Shop
OVS	Oil Water Separator
PID	Photo Ionization Detector
ppm	parts per million
RRC	Regional Readiness Command
SEM	State Environmental Manager
TPH	Total Petroleum Hydrocarbons
ug/kg	micrograms/kilogram
USARC	United States Army Reserve Center
UST	Underground Storage Tank
VOC	Volatile Organic Compounds
VWF	Vehicle Wash Facility

OWS SYSTEM CLOSURE REPORT
General Beebe USARC/ AMSA # 111 (G)
2119 Highway 60
Faribault, Minnesota 55021

1.0 INTRODUCTION

Jones Technologies, Inc. (JTI) was retained by the 88th Regional Readiness Command (RRC) to clean an Oil/Water Separators (OWS), clean trench drains, remove a Vehicle Wash Facility (VWF) with associated grit trap, and close a can wash at the Gen. Beebe USARC/AMSA #111 (G) Faribault, Minnesota. JTI subcontracted Hard Hat Services, Inc. (HHSI) to provide the field personnel and services for the cleaning, removal and restoration. JTI and HHSI accomplished the field work from April 26-27, 2002.

1.1 Project Location

The Gen. Beebe USARC/AMSA #111 (G) is located at 2119 Highway 60 on the south side of Faribault, Minnesota, in Rice County, approximately one mile east of Minnesota 94. (Figure 1, Attachment A).

1.2 Responsible Party Information

The following list identifies the points of contact for the 88th RRC and the Faribault USARC:

Point of Contact/Address	Telephone Number	Fax Number
Program Manager: Kurt Zacharias		
CDR, 88 th Regional Readiness Command ATTN: AFRC-CMN-EN (Zacharias) 506 Roeder Circle Fort Snelling, MN 55111-4009	(612) 713-3821	(612) 713-3516
State Environmental Manager: Steve Bragg		
88 th Regional Readiness Command, CST#2 ATTN: AFRC-CMN-EN-IL (Bragg) 506 Roeder Circle Fort Snelling, MN 55111-4009	(612) 290-0940	NA
Facility Manager: Mr. Kurtzweil		
Gen. Beebe USARC/AMSA #111 (G) ATTN: Mr. Kurtzweil 2119 Highway 60 Faribault, MN 55021	(507) 334-9225	NA

1.3 OWS Contractor Information

The 88th RRC contracted JTI through Fort Knox (Contract DABT23-00-D-1012; Delivery Order #14). JTI subcontracted Hard Hat Services, Inc. to supply the personnel and equipment required for the cleaning, excavation, removal, site restoration, and soil testing.

Point of Contact/Address	Telephone Number	Fax Number
Consultant: Jones Technologies, Inc.		
Jones Technologies, Inc. ATTN: Mr. Tom Walker 5100 Springfield Pike, Suite 305 Dayton, OH 45431	(937) 256-1558	(937) 256-1755
Contractor: Hard Hat Services, Inc.		
Hard Hat Services, Inc. ATTN: Tom Blair, PE 1701 Quincy Avenue, Suite 29 Naperville, IL 60540	(630) 637-9470	(630) 637-9471
Laboratory: Pace Analytical		
Pace Analytical ATTN: Ms. Donna Spyker 7726 Moller Road Indianapolis, IN 46268	(317) 875-5894	(317) 872-6189

2.0 **FACILITY INFORMATION**

This section provides information regarding the facility structures and a description of surrounding property.

2.1 Site Surroundings

The Gen. Beebe USARC/AMSA #111 (G) contains two main buildings, a personnel building and a single-story organizational and a maintenance shop (OMS) located on the south side of Highway 60 in Faribault, Minnesota. The USARC is surrounded by commercial and park property. The OMS has a brick exterior with six vehicle bays (Figure 2, Attachment A).

2.2 GPS Locations

Global Positioning System (GPS) data is included in Figure 3, Attachment A and Attachment D.

2.3 Oil/Water Separator

An oil/water separator (OWS) was observed by the 88th Regional Readiness Command State Environmental Manager (SEM) during a visit to the facility. The SEM made visual observations about the condition of the OWS, source drain, and discharge point. The OWS was located inside the OMS. The 400-gallon concrete circular OWS was identified at ground surface by a steel circular cover. The OWS was connected to a VWF with a sediment trap, can wash, and floor drains.

Details on the size and construction of the OWS are:

- Inside Depth of OWS (from top to grade): 11'10"
- Diameter of OWS: 2' at surface, approximately 4' below surface
- Wall thickness: Unknown
- Bottom thickness: Unknown
- Volume of OWS: approximately 400 gal.
- Diameter of inlet pipe: 6"
- Diameter of outlet pipe: 6"
- OWS material: concrete

2.4 Vehicle Wash Facility

The VWF consisted of a 26 foot by 36 foot concrete pad with a center grit trap.

2.5 Vehicle Wash Facility Grit Trap

A circular grate identified the location of the VWF sediment trap, which discharged southwest to the OWS.

Measurements were made to determine the size and construction of the VWF sediment trap:

- Depth of sediment trap (from top of grade): 1'
- Diameter of sediment trap: 8"
- Reinforcement material: None
- Sediment trap material: Cast Iron

2.6 Elevated Grease Rack

This facility does not have an elevated grease rack.

2.7 Elevated Grease Rack Grit Trap

This facility does not have an elevated grease rack grit trap.

2.8 Can Wash

The can wash was a 10' by 16' concrete slab with curb on 4 sides. A circular grate identified the location of the can wash sediment trap, which discharged south to the OWS.

Details on the size and construction of the can wash grit trap are:

- Depth of sediment trap (from top of grade): 1'
- Diameter of sediment trap: 8"
- Reinforcement material: None
- Sediment trap material: Cast Iron

3.0 REMOVAL ACTION

On April 26, 2002 JTI and HHSI initiated the cleaning/removal of the OWS, trench drains; VWF and can wash at the Faribault, Minnesota USARC.

3.1 Free Liquid Removal/Disposal

HHSI used a vacuum truck to remove liquid/sludge from the OWS, trench drains, VWF grit trap, and can wash drain prior to pressure washing. Following pressure washing, the 800 gallons of liquid/sludge and pressure wash rinsate were transported as a non-hazardous waste to B&B Drain Cleaning & Pumping, Faribault, Minnesota for disposal. No liquid/sludge remained in OWS, OWS trench drains, VWF grit trap, and can wash drain following the pressure washing (Disposal documentation located in Attachment C).

3.2 OWS Condition/Information

The OWS was pressure washed and inspected (Photos 1 and 2, Attachment B). Inspection revealed that the OWS was intact with no breaks or cracks. The OWS was recharged and placed back in service. OWS trench drains were also pressure washed and inspected. The trench drains were in good condition (Photo 3, Attachment B). The trench drains were returned to service.

3.3 VWF Condition/Information

The 26 by 36 foot VWF contained a few visible cracks in the concrete pad but the structural integrity appeared intact (Photo 4, Attachment B). The VWF had a center "basket-type" grit trap. The VWF curb was demolished using a pneumatic hammer (Photo 5, Attachment B). Approximately 2 feet of concrete around the perimeter of the VWF was saw-cut and removed to facilitate the application of asphalt (Photo 7, Attachment B). Concrete rubble was transported off-site for disposal at Archambault & Brothers Disposal and Heselton Construction; both located in Faribault, Minnesota. The periphery of the VWF was screened with a PID prior to paving. No elevated readings were observed. A sealed bag PID headspace analysis of a sample from the VWF perimeter excavation showed no indication of the release of hydrocarbons to the environment. No basal soil sample was collected from the VWF area. A water supply line to the VWF was cut 6 feet below grade, capped and the area backfilled to grade (Photos 8-10, Attachment B). The VWF excavation was compacted with a backhoe, contoured and paved with asphalt (Photo 11, Attachment B).

3.4 VWF Grit Trap Condition/Information

The VWF grit trap was cleaned and inspected. The grit trap appeared to be in good condition. PID screening done on the interior of the grit trap showed no elevated readings. The VWF grit trap was plugged with concrete and abandoned in-place (Photo 6, Attachment B).

3.5 Elevated Grease Rack Condition/Information

This facility does not have an elevated grease rack.

3.6 Elevated Grease Rack Grit Trap Condition/Information

This facility does not have an elevated grease rack.

3.7 Can Wash Condition/Information

The can wash curb was demolished with a pneumatic hammer. PID screening of the can wash drain indicated no elevated readings. PID head space analysis of soils from the periphery of the can wash showed no elevated readings. The can wash drain was plugged with concrete. The can wash area was restored with asphalt to maintain the surrounding drainage patterns (Photo 12, Attachment B).

3.8 Soil Sampling Methods

No soil samples were collected at this facility.

3.8.1 Field Screening Methodology

PID screening was conducted at several locations in the OWS-01, VWF grit trap, and can wash excavations. Results of these tests are included in Table 3-1. A field headspace analysis was performed for each soil sample collected for laboratory analysis. Aliquots of soil from each sampling location were placed in a sealable plastic bag. Sealed sample bags were allowed to warm for at least 15 minutes. The procedure for headspace analysis consisted of opening the bag and inserting the tip of a PID into the bag. The PID tip was held in place for approximately 30 seconds and readings were recorded. Table 3-2 lists the PID headspace readings for each sample.

Table 3-1: PID Soil Screening Results

Sample Location	Depth	PID Peak Reading (ppm)
VWF Northeast Corner	1'	0.0
VWF Southeast Corner	1'	0.0
VWF Northwest Corner	1'	0.0
VWF Southwest Corner	1'	0.0
Can Wash Northeast Corner	1'	0.0
Can Wash Southeast Corner	1'	0.0
Can Wash Northwest Corner	1'	0.0
Can Wash Southwest Corner	1'	0.0

Table 3-2: PID Bag Sample Results and Soil Sample Location

Sample Identification	Sample Description	Sample Location	Time of Sample Collection	Bag Sample PID Reading (ppm)
NA	Only VWF bag Sample	Soils by the sediment trap	NA	0.7
NA	Only can wash bag Sample	Soils by the sediment trap	NA	0.3

3.8.2 Decontamination

All sampling equipment was used specifically for each sample and then disposed. Therefore, decontamination of sampling equipment was not required.

3.9 Site Specific Soil Conditions

The native soil in the VWF sediment trap excavations consisted of light to dark brown sandy soil complex.

4.0 ANALYTICAL RESULTS

OWS, trench drains and grit traps are part of the Faribault USARC facility's wastewater collection system. The State of Minnesota Underground Storage Tank Regulations, Chapter 7150.010, exclude these types of wastewater collection systems and flow-through process tanks from management as USTs. However, to prudently manage OWS and grit trap removal, JTI utilized the State of Minnesota guidance document Risk-Based Guidance for the Soil-Human Health Pathway, Vol 2, Working Draft January 1999—Tier 1 (Screening) Soil Reference Values, Table A3.1. Additional consideration was given to State of Minnesota Pollution Control Agency Fact Sheet # 3.6 Excavation of Petroleum Contaminated Soils During Tank Removal; February 2001 to provide guidance on TPH screening levels. Laboratory analyses were not required at this facility since neither the OWS nor grit traps were removed.

5.0 SUMMARY OF FIELD WORK-SITE RESTORATION

The following actions were completed at the Faribault USARC:

- Power washing to clean the OWS, trench drains, VWF grit trap, and can wash drains
- Removal of free liquid from the OWS, trench drains and VWF grit trap with a vacuum truck
- Plugging the discharge line for the VWF grit trap
- Plugging the can wash drain
- Demolition of the VWF curb and debris removal
- Paving the VWF area
- Cutting/capping the VWF hydrant and backfilling site
- Paving the can wash

6.0 CONCLUSION

No further action is recommended for this site based on:

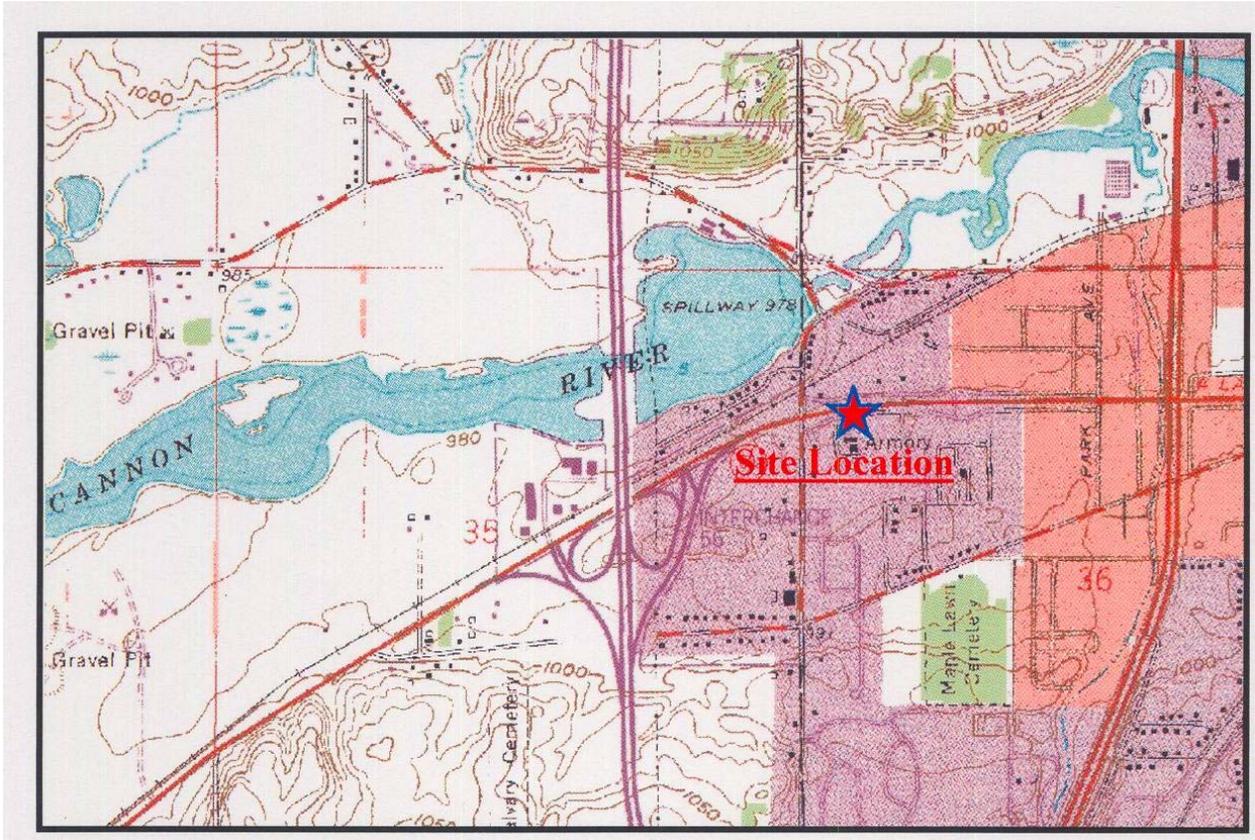
- The OWS were inspected after pressure cleaning and appeared to be intact with no visible cracks or breaches of the structure.
- The trench drains were inspected after pressure cleaning and appeared to be intact with no breaches in structure.
- The VWF grit trap was inspected and appeared to be intact with no visible cracks or breaches of the structure.
- The can wash grit trap was inspected and appeared to be intact with no visible cracks or breaches of the structure.

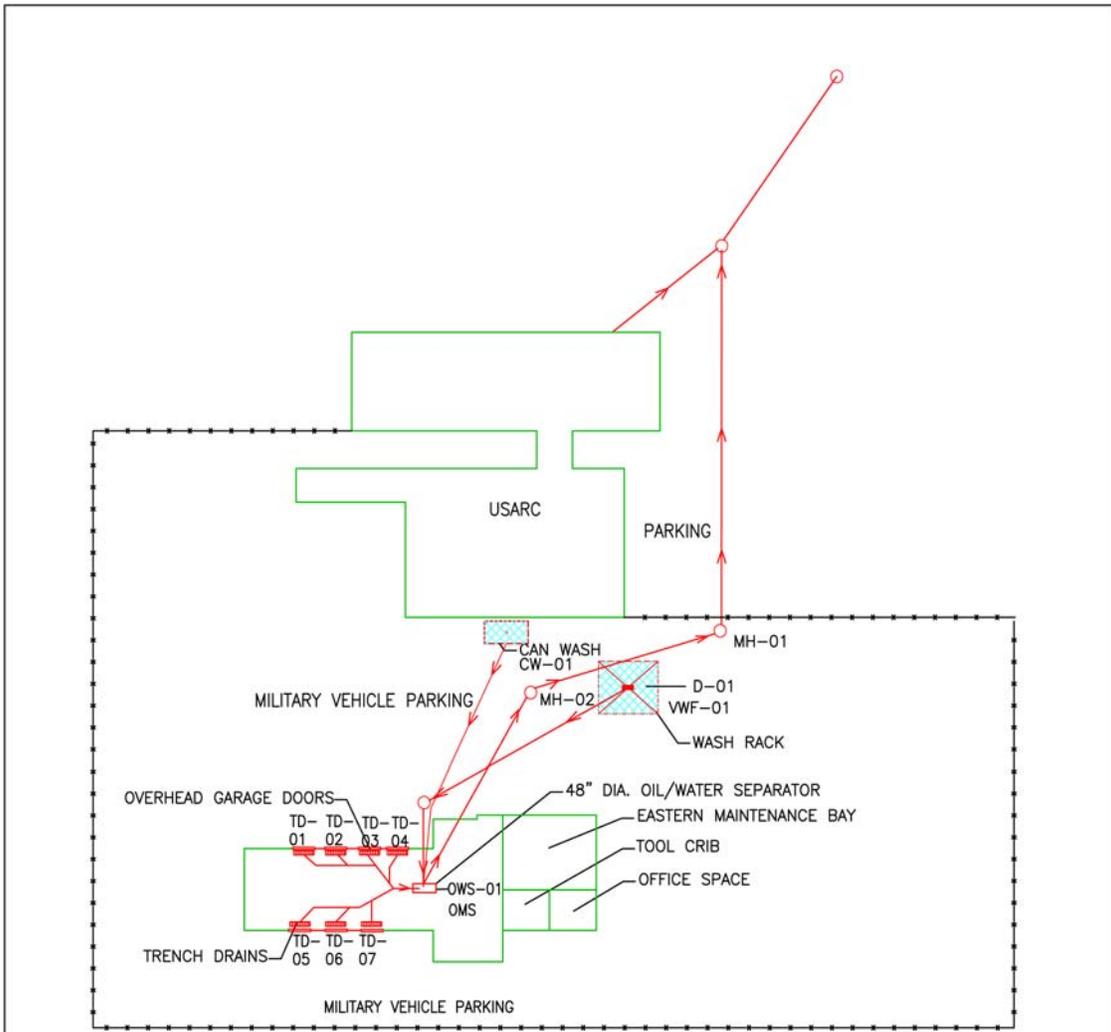
- Visible and odor observations in the VWF grit trap and can wash excavations noted no evidence of leakage, spillage, or other conditions that would indicate either of these structures released liquids to the environment.
- Head space bag sample PID screening did not indicate any release of chemicals of concern.
- PID screening of the VWF grit trap, and can wash grit trap did not indicate the release of chemicals of concern.

ATTACHMENT A

FIGURES

Figure 1
Faribault, Minnesota Area Map





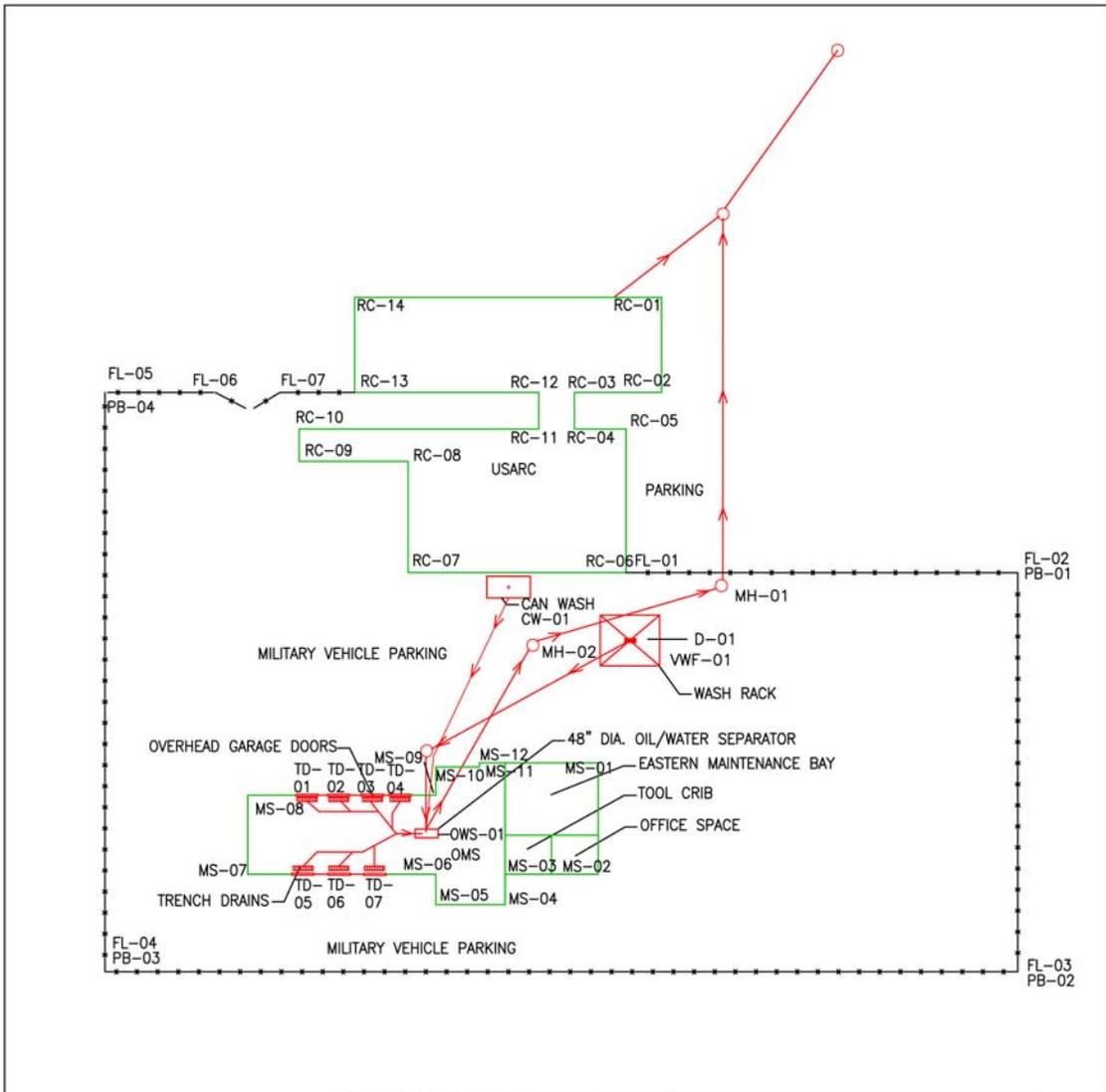
NOTE:
HIGHLIGHTED STRUCTURES HAVE
BEEN REMOVED OR CLOSED

SITE PLAN

LEGEND	
	STORM WATER SEWER LINE
	VEHICLE WASH FACILITY
	DRAIN
	TRENCH DRAIN
	OIL / WATER SEPARATOR
	MANHOLE
	CAN WASH



12/07/03		SINGLE-LINE SITE PLAN; FILE: MN014A_REV_120703.DWG		JTI
REVISION	DATE	DESCRIPTION		BY
FIGURE 2: OIL / WATER SEPARATOR CLOSURE PROJECT FACILITY STRUCTURES				
DRAWN BY: JTI		88th REGIONAL READINESS COMMAND - MN		
CHECKED BY: JTI		GEN. BEEBE USARC/AMSA #111 (G)		
DESIGNED BY: JTI		FACILITY MN014		
REVIEWED: SECTION CHIEF		FARIBAULT MINNESOTA		
SUBMITTED: CHIEF, DESIGN BRANCH		RECOMMENDED: CHIEF, ENGINEERING DIVISION		
APPROVED: COLONEL C.E. DISTRICT ENGINEER		SCALE: AS SHOWN		
DATE: _____		DRAWING NUMBER _____		
		SHEET _____ OF _____		



SITE PLAN

LEGEND	
	STORM WATER SEWER LINE
	VEHICLE WASH FACILITY
	DRAIN
	TRENCH DRAIN
	OIL / WATER SEPARATOR
	MANHOLE
	CAN WASH

NOT TO SCALE

REVISION	DATE	DESCRIPTION	BY
	12/11/03	SINGLE-LINE SITE PLAN; FILE: MN014B_REV_121103.DWG	JTI
FIGURE 3: OIL / WATER SEPARATOR CLOSURE PROJECT GPS LOCATIONS OF FACILITY STRUCTURES			
DRAWN BY: JTI		88th REGIONAL READINESS COMMAND - MN	
CHECKED BY: JTI		GEN BEEBE USARC/AMSA #111 (G) FACILITY MNO14	
DESIGNED BY: JTI			
REVIEWED:		FAIRBAULT MINNESOTA	
SUBMITTED:		RECOMMENDED:	
CHIEF, DESIGN BRANCH		CHIEF, ENGINEERING DIVISION	
APPROVED:		SCALE: AS SHOWN	
COLONEL C.E. DISTRICT ENGINEER		DRAWING NUMBER	
DATE: _____		SHEET _____ OF _____	

ATTACHMENT B

PHOTOGRAPHS



Photograph 1
OWS Pre-Cleaning



Photograph 2
OWS-Post-Cleaning



Photograph 3
OMS Trench Drain Cleaning



Photograph 4
VWF Pre-demolition



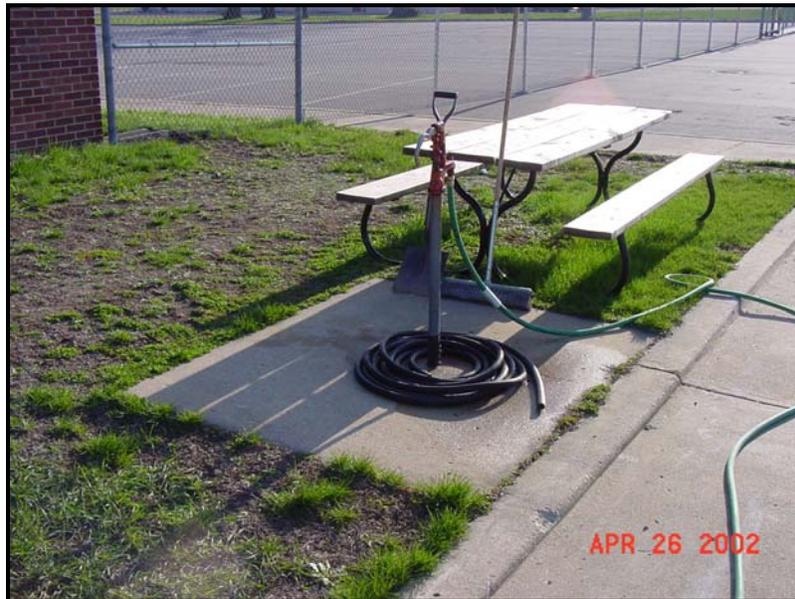
Photograph 5
VWF Demolition



Photograph 6
VWF Grit Trap Plugged with Concrete



Photograph 7
VWF Saw-Cut to Prepare for Asphalt



Photograph 8
VWF Hydrant Pre-Disconnect



Photograph 9
VWF Water Line Cut and Capped



Photograph 10
Hydrant Area Restored



Photograph 11
VWF Area Restored with Asphalt



Photograph 12
Can Wash Area Restored with Asphalt

ATTACHMENT C
DISPOSAL DOCUMENTATION

Material Handling Log

Site Information

Date 6-20-02

Name USARC Faribault MN.
Address 2119 Hwy 60.W. Faribault MN.

Liquid/Sludge Disposal

Name B + B Drain Cleaning + Pumping
Address 2707 Cardinal Ave. Faribault MN.
Quantity 800 gallons.
Facility 13864 Baseline Rd. Dundas MN.

Concrete Disposal

Name	Archambault Bros. Disposal	Heseltan Construction LLC.
Address	221 S.W. 22nd Ave. Faribault MN.	680 N.W. 24th Street Faribault MN.
Quantity	1) 20 cy Roll-off 20) Tons	10 cy 20) Tons.

Backfill Material

Name Dan Beaupre
Address 16610 Bagley Ave. Faribault MN.
Quantity 1 1/2 cy of Crushed Rocks.

Prepared by





Minnesota Pollution Control Agency
Individual Sewage Treatment Systems
Professional Registration

Michael M. Chadderdon

Installer, Pumper

Reg #6597 Expires: Nov 15, 2004

Authorized for work only if accompanied by a valid business license.

ATTACHMENT D
GPS LOCATION DATA

**GPS Locations of Facility Structures at General Beebe USARC
Faribault, Minnesota**

	Site Map Coordinate	Latitude North (Degrees-Minutes)	Longitude West (Degrees-Minutes)
Property Boundary	PB 01	44-17.595	93-18.040
	PB 02	44-17.547	93-18.029
	PB 03	44-17.550	93-18.115
	PB 04	44-17.607	93-18.119
Reserve Center	RC 01	44-17.613	93-18.055
	RC 02	44-17.609	93-18.045
	RC 03	44-17.605	93-18.049
	RC 04	44-17.604	93-18.050
	RC 05	44-17.602	93-18.054
	RC 06	44-17.601	93-18.074
	RC 07	44-17.584	93-18.089
	RC 08	44-17.591	93-18.082
	RC 09	44-17.596	93-18.116
	RC 10	44-17.597	93-18.115
	RC 11	44-17.600	93-18.074
	RC 12	44-17.600	93-18.075
	RC 13	44-17.605	93-18.097
	RC 14	44-17.614	93-18.097
Maintenance Shop	MS 01	44-17.570	93-18.071
	MS 02	44-17.565	93-18.079
	MS 03	44-17.558	93-18.086
	MS 04	44-17.558	93-18.091
	MS 05	44-17.556	93-18.096
	MS 06	44-17.556	93-18.097
	MS 07	44-17.583	93-18.111
	MS 08	44-17.576	93-18.111
	MS 09	44-17.575	93-18.084
	MS 10	44-17.575	93-18.081
	MS 11	44-17.574	93-18.077
	MS 12	44-17.573	93-18.075

	Site Map Coordinate	Latitude North (Degrees-Minutes)	Longitude West (Degrees-Minutes)
Sanitary Sewer	SS 01	44-17.598	93-18.063
	SS 02	44-17.594	93-18.073
Manhole	MH 01	NS	NS
Fence Line	FL 01	44-17.601	93-18.074
	FL 02	44-17.595	93-18.040
	FL 03	44-17.547	93-18.029
	FL 04	44-17.550	93-18.115
	FL 05	44-17.607	93-18.119
	FL 06	44-17.607	93-18.116
	FL 07	44-17.606	93-18.111
	FL 08	44-17.605	93-18.097
Elevated Grease Rack Sediment Trap	EGR 01	NS	NS
Vehicle Wash Facility Sediment Trap	VWF 01	44-17.596	93-18.072
Oil/Water Separator	OWS 01	In OMS	In OMS

Appendix E
**Regulatory Database
Search Reports**



The EDR Radius Map with GeoCheck®

**GEN Beebe USARC/AMSA 111
2119 Hwy 60
Fairbault, MN 55021**

Inquiry Number: 01749047.1r

September 05, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: 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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2119 HWY 60
FAIRBAULT, MN 55021

COORDINATES

Latitude (North): 44.293800 - 44° 17' 37.7"
Longitude (West): 93.300700 - 93° 18' 2.5"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 476010.2
UTM Y (Meters): 4904333.0
Elevation: 981 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 44093-C3 FARIBAULT, MN
Most Recent Revision: 1995

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
U.S.A.R. TNG. CENTER 2119 HWY 60 W FARIBAULT, MN 55021	AST	N/A
US ARMY AMSA NO 111G 2119 HWY 60 FARIBAULT, MN 55021	RCRA-SQG FINDS	MN6210090100

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:

FEDERAL RECORDS

Proposed NPL..... Proposed National Priority List Sites

EXECUTIVE SUMMARY

Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

MN PLP	Permanent List of Priorities
SWF/LF	Permitted Solid Waste Disposal Facilities
MN LCP	Closed Landfills Priority List
LAST	Leaking Aboveground Storage Tanks
LIENS	Environmental Liens
BULK	Bulk Facilities Database
MN Spills	Spills Database
MN AGSPILLS	Department of Agriculture Spills
INST CONTROL	Site Remediation Section Database
DRYCLEANERS	Registered Drycleaning Facilities
BROWNFIELDS	Petroleum Brownfields Program Sites
CDL	Clandestine Drug Labs
MN Enforcement	Generators Associated with Enforcement Logs
MN HWS Permit	Active TSD Facilities
AIRS	Permit Contact List
TIER 2	Tier 2 Facility Listing

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants
--------------------------------	---

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

FEDERAL RECORDS

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/19/2006 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>NUTTING TRUCK & CASTER CO</i>	<i>1201 W DIVISION ST</i>	<i>1/2 - 1 ESE</i>	<i>0</i>	<i>9</i>

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/15/2006 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>NUTTING TRUCK & CASTER CO</i>	<i>1201 W DIVISION ST</i>	<i>1/2 - 1 ESE</i>	<i>0</i>	<i>9</i>

RCRAInfo: 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 8

EXECUTIVE SUMMARY

RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>TIRES PLUS FARIBAULT</i>	<i>1701 GRANT ST HWY 60</i>	<i>0 - 1/8 W</i>	<i>3</i>	<i>25</i>
<i>BROWNS HARRY PONTIAC OLDSMOBIL</i>	<i>2007 GRANT ST</i>	<i>1/8 - 1/4 E</i>	<i>B5</i>	<i>26</i>
<i>FARIBO DODGE INC</i>	<i>2007 GRANT ST</i>	<i>1/8 - 1/4 E</i>	<i>B6</i>	<i>27</i>
<i>MARQUARD STEPHEN C DDS</i>	<i>200 WESTERN AVE NW B</i>	<i>1/8 - 1/4 SSW</i>	<i>C9</i>	<i>43</i>
<i>STEFFENS CHEVROLET BUICK INC</i>	<i>1905 GRANT ST</i>	<i>1/8 - 1/4 E</i>	<i>D12</i>	<i>54</i>
<i>CHURCHILL TRUCK LINES INC</i>	<i>221 NW 19TH AVE</i>	<i>1/8 - 1/4 ESE</i>	<i>E15</i>	<i>60</i>
<i>WAL MART NO 1657</i>	<i>150 WESTERN AVE</i>	<i>1/8 - 1/4 SSW</i>	<i>19</i>	<i>68</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>R & R AUTO</i>	<i>2250 HWY 60 W</i>	<i>0 - 1/8 NW</i>	<i>4</i>	<i>26</i>

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

A review of the ROD list, as provided by EDR, and dated 04/13/2006 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>NUTTING TRUCK & CASTER CO</i>	<i>1201 W DIVISION ST</i>	<i>1/2 - 1 ESE</i>	<i>0</i>	<i>9</i>

STATE AND LOCAL RECORDS

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

A review of the SHWS list, as provided by EDR, and dated 07/06/2006 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>NUTTING TRUCK & CASTER CO</i>	<i>1201 W DIVISION ST</i>	<i>1/2 - 1 ESE</i>	<i>0</i>	<i>9</i>

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

A review of the MN DEL PLP list, as provided by EDR, and dated 12/06/2005 has revealed that there is 1 MN DEL PLP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>NUTTING TRUCK AND CASTER CO.</i>	<i>1201 WEST DIVISION STRE</i>	<i>1/2 - 1 ESE</i>	<i>29</i>	<i>115</i>

EXECUTIVE SUMMARY

MN LS: 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, 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP). The List of Sites comes from Minnesota Pollution Control

A review of the MN LS list, as provided by EDR, and dated 06/02/2005 has revealed that there are 3 MN LS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RYT-WAY INDUSTRIES	205 WESTERN AVE.	1/8 - 1/4SSW	C7	27
ROBERT ELLSWORTH PROPERTY	1605 WEST DIVISION STRE	1/4 - 1/2ESE	28	109
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
A & W RESTAURANT	404 WILSON AVENUE	1/4 - 1/2E	26	102

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

A review of the LUST list, as provided by EDR, and dated 06/01/2006 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RYTWAY PACKAGING	205 WESTERN AVE	1/8 - 1/4SSW	C8	31
Complete Site Closed Date: 01/21/1994 00:00:00				
FORMER MURPHY MOTOR FREIGHT	221 19TH AVE NW	1/8 - 1/4ESE	E18	66
Complete Site Closed Date: 03/02/2005 00:00:00				
SKLUZACEK OIL CO	300 WESTERN AVE	1/4 - 1/2SSW	20	68
FARIBAULT TIRE & AUTO	1723 GRANT ST	1/4 - 1/2E	F21	81
Complete Site Closed Date: 08/13/1991 00:00:00				
RIVER VALLEY TRUCK CENTER	1701 GRANT ST NW	1/4 - 1/2E	F23	87
CROWN CORK & SEAL CO INC	1701 NW 4TH ST	1/4 - 1/2ESE	25	94
Complete Site Closed Date: 04/13/1994 00:00:00				
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAKE SALES	1920 NW 5TH ST	1/8 - 1/4NE	14	58
LACANNE'S MARINE	19860 ROBERD'S LAKE BLV	1/4 - 1/2NNW	22	85
FORMER FREEWAY GASOLINA	3040 HWY 60 W	1/4 - 1/2WSW	27	107
Complete Site Closed Date: 03/10/2003 00:00:00				

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

A review of the UST list, as provided by EDR, and dated 06/01/2006 has revealed that there are 4 UST

EXECUTIVE SUMMARY

sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RYTWAY PACKAGING	205 WESTERN AVE	1/8 - 1/4SSW	C8	31
FARIBAULT HY VEE	1920 GRANT ST	1/8 - 1/4ENE	11	47
FORMER GRATHEN TRANSFER INC	221 19TH AVE NW	1/8 - 1/4ESE	E16	60
MURPHY MOTOR FREIGHT LINES INC	221 19TH AVE NW	1/8 - 1/4ESE	E17	63

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 06/01/2006 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
STEFFENS CHEV BUICK	1905 GRANT ST	1/8 - 1/4E	D13	54

MN VIC: This is the Minnesota Pollution Control Agency's Voluntary Investigation and Cleanup Program list.

A review of the MN VIC list, as provided by EDR, and dated 07/06/2006 has revealed that there are 6 MN VIC sites within approximately 0.5 miles of the target property.

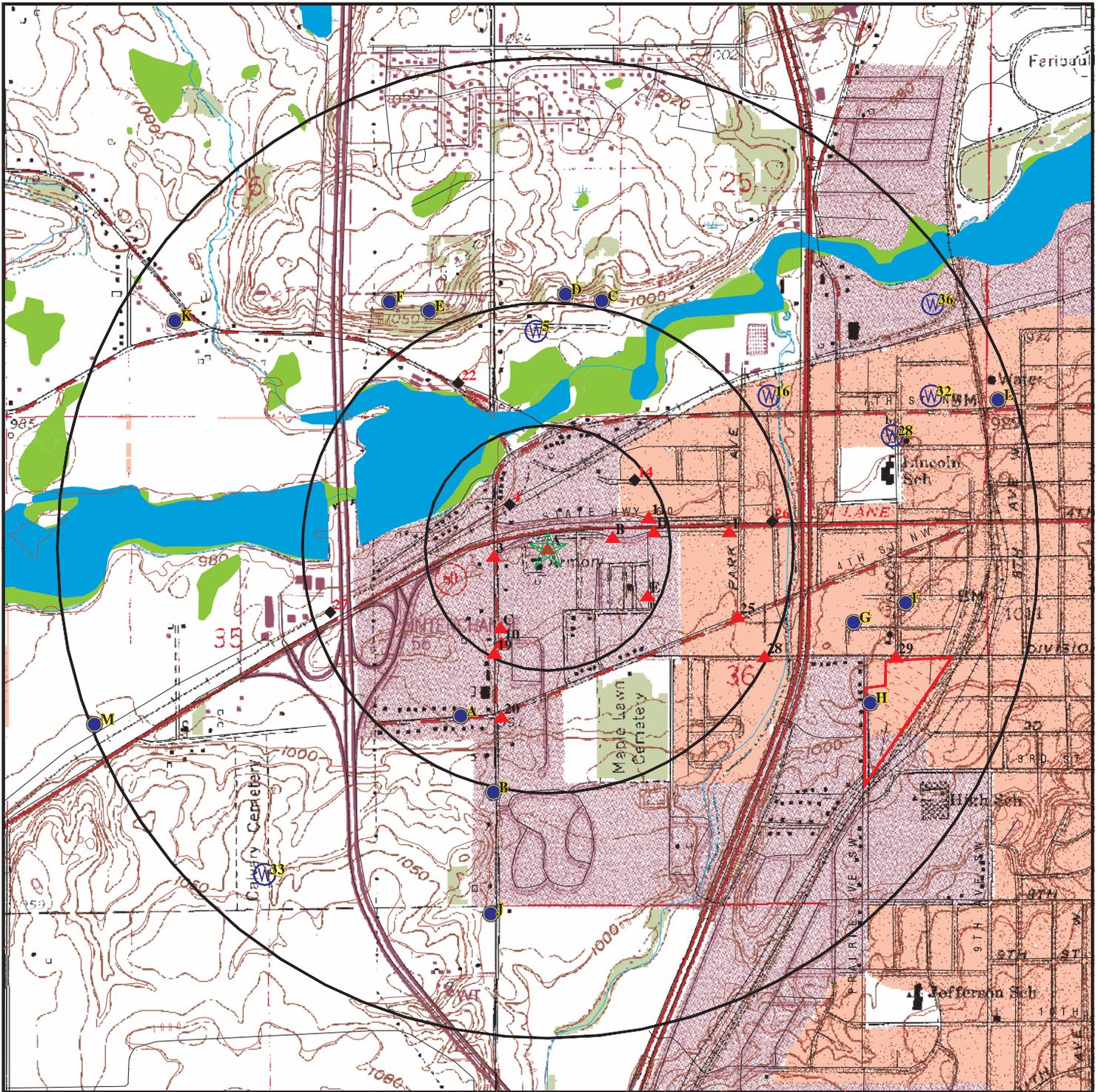
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RYT-WAY INDUSTRIES	205 WESTERN AVE.	1/8 - 1/4SSW	C7	27
RYTWAY PACKAGING	205 WESTERN AVE	1/8 - 1/4SSW	C8	31
RYT-WAY INDUSTRIES	205 WESTERN AVENUE	1/8 - 1/4SSW	10	44
ALDI'S SITE (FARIBAULT)	1701 GRANT STREET NW	1/4 - 1/2E	F24	89
ROBERT ELLSWORTH PROPERTY	1605 WEST DIVISION STRE	1/4 - 1/2ESE	28	109
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
A & W RESTAURANT	404 WILSON AVENUE	1/4 - 1/2E	26	102

EXECUTIVE SUMMARY

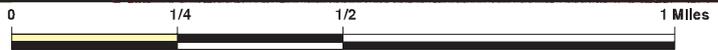
Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
FARIBAULT COAL GASIFICATION PLANT SITE	SHWS, MN LS
FARIBAULT MUNI WELL FIELD	CERCLIS, FINDS
FARIBAULT CITY DUMP	CERC-NFRAP
BH HESELTON DEMOLITION LANDFILL	FINDS, SWF/LF
RICE COUNTY DEMOLITION LANDFILL	SWF/LF
FORMER COASTAL MART	LUST
AUTO ZONE	LUST, MN Spills
AMOCO #2047	LUST
PETRO WASH	LUST, UST
CHANDLER-WILBERT VAULT CO	LUST, MN Spills
OLD SILAGE STACKING SITE	LUST
VACANT BLDG- FORMER DERBY SERVICE STA	LUST
CROWN AUTO INC	UST, AST
MATEJCEK IMP CO	AST
FARIBAULT ENERGY PARK	FINDS, AST
MINNESOTA SNOWMOBILE SALVAGE	RCRA-SQG, FINDS
BAUERNFEIND AND GOEDTEL	RCRA-SQG, FINDS
MATEJCEK IMPLEMENT CO	RCRA-SQG, FINDS
CITY OF FARIBAULT/N ALEXANDER PARK	RCRA-SQG, FINDS
VALVOLINE RAPID OIL CHANGE	RCRA-SQG, FINDS
FARIBAULT STATE HOSPITAL	RCRA-SQG
FARIBO WEST MALL	RCRA-SQG, FINDS
SELLNER INDUSTRIAL PARK DEMOLITION SITE	MN LS
B.H. HESELTON DEMOLITION FACILITY	MN LS
ORIGINAL TOWN	MN VIC, INST CONTROL
XCEL ENERGY - WEST FARIBAULT GEN. PLANT	TIER 2

OVERVIEW MAP - 01749047.1r



- ★ 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
- ▣ Landfill Sites
- ▣ Dept. Defense Sites
- ▣ Indian Reservations BIA
- ▣ Oil & Gas pipelines
- ▣ National Wetland Inventory



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

SITE NAME: GEN Beebe USARC/AMSA 111
 ADDRESS: 2119 Hwy 60
 Fairbault MN 55021
 LAT/LONG: 44.2938 / 93.3007

CLIENT: CH2M Hill
 CONTACT: Mary Beth Jacques
 INQUIRY #: 01749047.1r
 DATE: September 05, 2006 4:04 pm

DETAIL MAP - 01749047.1r



- ★ 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
- ▨ Landfill Sites
- ▨ Dept. Defense Sites

- ▨ Indian Reservations BIA
- ▨ Oil & Gas pipelines
- National Wetland Inventory

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

SITE NAME: GEN Beebe USARC/AMSA 111
 ADDRESS: 2119 Hwy 60
 Fairbault MN 55021
 LAT/LONG: 44.2938 / 93.3007

CLIENT: CH2M Hill
 CONTACT: Mary Beth Jacques
 INQUIRY #: 01749047.1r
 DATE: September 05, 2006 4:04 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	1	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	1	NR	1
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.	X	0.250	2	6	NR	NR	NR	8
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	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
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	1	NR	1
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	0	1	NR	1
MN PLP		1.000	0	0	0	0	NR	0
MN DEL PLP		1.000	0	0	0	1	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
MN LCP		0.500	0	0	0	NR	NR	0
MN LS		0.500	0	1	2	NR	NR	3
LUST		0.500	0	3	6	NR	NR	9
UST		0.250	0	4	NR	NR	NR	4
LAST		0.500	0	0	0	NR	NR	0
AST	X	0.250	0	1	NR	NR	NR	1
LIENS		TP	NR	NR	NR	NR	NR	0
BULK		0.250	0	0	NR	NR	NR	0
MN Spills		TP	NR	NR	NR	NR	NR	0
MN AGSPILLS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INST CONTROL		0.500	0	0	0	NR	NR	0
MN VIC		0.500	0	3	3	NR	NR	6
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
MN Enforcement		TP	NR	NR	NR	NR	NR	0
MN HWS Permit		1.000	0	0	0	0	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
TIER 2		TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A1 **U.S.A.R. TNG. CENTER**
Target **2119 HWY 60 W**
Property **FARIBAULT, MN 55021**

AST **A100203564**
 N/A

Site 1 of 2 in cluster A

Actual:
981 ft.

AST:
 Program Interest Id: 210927
 Address Id: 209368
 MPCA Tank Number: 1002
 Above/Under Ground: Above Ground
 Serial Number: Not reported
 Date Added: 10/10/1999 10:57:29
 Date Last Updated: 05/06/2004 07:17:29
 Piping Cathodic Protection: Not reported
 Tank Cathodic Protection: Not reported
 Tank Stored Product: Used Or Waste Oil
 Client Tank Number: 2
 AST Base Material: On Concrete
 Piping Material: None
 Piping Material Desc: NONE
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Doublewall Concrete
 Tank Dispenser Code: Not reported
 Tank Status Code: Active
 Tank Storage Capacity: 500
 Tank Registration Date: 01/03/1995 00:00:00
 Unregulated Tank Registration Date: Not reported
 Compartmental Tank Flag: Not reported
 Heating Product Flag: Not reported
 Haz Waste Generator Id: Not reported
 Product Replaced Date: Not reported
 Sludge Disposal Facility: Not reported
 Comments: Not reported
 Staff Id Who Did The Last Update: RSUCHAN
 In Compliance: Yes
 Preferred ID: 54701
 Facility Addr 2: Not reported

INSREM:
 Program Interest Id: Not reported
 INSREM Product: Not reported
 INSREM Project #: Not reported
 INSREM Product: Not reported
 INSREM Product Description: Not reported
 INSREM Action ID: Not reported
 INSREM Action: Not reported
 Action Completed Date: Not reported
 Date Added: Not reported
 Date Last Updated: Not reported
 MPCA Tank Number: Not reported
 Tank Construction Material Code: Not reported
 Piping Material: Not reported
 Piping Material Desc: Not reported
 Total Tank Capacity Quantity: Not reported
 Staff Id Who Did The Last Update: Not reported

TABSITE:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

U.S.A.R. TNG. CENTER (Continued)

A100203564

Program Interest Id: 210927
Above Or Underground: Above Ground
Facility Code: 14
Indian Reservation: No
UST Registration Date: Not reported
AST Registration Date: 02/09/1994 00:00:00
Date Added: 02/09/1994 12:59:08
Date Last Updated: 05/23/2003 09:21:04
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

TANK ACTION:

Program Interest Id: 210927
MPCA Tank Number: 1001
Above Or Underground: Above Ground
Tank Action ID: 84401
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 01/01/1901 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:20
Date Last Updated: 05/04/2002 08:52:33
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 210927
MPCA Tank Number: 1002
Above Or Underground: Above Ground
Tank Action ID: 82115
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1994 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:24
Date Last Updated: 05/04/2002 08:52:33
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 210927
MPCA Tank Number: 1001
Above Or Underground: Above Ground
Tank Action ID: 82115
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1976 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:24
Date Last Updated: 05/04/2002 08:52:33

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

U.S.A.R. TNG. CENTER (Continued)

A100203564

Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

Program Interest Id: 210927
MPCA Tank Number: 1002
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 24
Tank Stored Product Desc: WASTE OIL
Compartment Cap: 500
Heating: Not reported
Other Desc: Not reported
Date Added: 10/10/1999 10:59:11
Date Last Updated: 05/04/2002 08:52:33
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 210927
MPCA Tank Number: 1001
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 24
Tank Stored Product Desc: WASTE OIL
Compartment Cap: 400
Heating: Not reported
Other Desc: Not reported
Date Added: 10/10/1999 10:59:11
Date Last Updated: 05/04/2002 08:52:33
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 210927
Address Id: 209368
MPCA Tank Number: 1001
Above/Under Ground: Above Ground
Serial Number: Not reported
Date Added: 10/10/1999 10:57:29
Date Last Updated: 05/04/2002 08:52:33
Piping Cathodic Protection: Not reported
Tank Cathodic Protection: Not reported
Tank Stored Product: Used Or Waste Oil
Client Tank Number: 1
AST Base Material: On Concrete
Piping Material: None
Piping Material Desc: NONE
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Metal
Tank Dispenser Code: Not reported
Tank Status Code: Removed
Tank Storage Capacity: 400
Tank Registration Date: 05/22/1994 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

U.S.A.R. TNG. CENTER (Continued)

EDR ID Number
 EPA ID Number

A100203564

Comments: Not reported
 Staff Id Who Did The Last Update: TANKS
 In Compliance: Not reported
 Preferred ID: 54701
 Facility Addr 2: Not reported

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

**A2
 Target
 Property**

**US ARMY AMSA NO 111G
 2119 HWY 60
 FARIBAULT, MN 55021**

**RCRA-SQG 1004727910
 FINDS MN6210090100**

Site 2 of 2 in cluster A

**Actual:
 981 ft.**

RCRAInfo:
 Owner: 88TH REGIONAL SUPPORT COMMAND
 (612) 713-3802
 EPA ID: MN6210090100
 Contact: WENDY TORMANEN
 (612) 713-3802
 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 MN-DELTA (Minnesota - Permitting, Compliance, And Enforcement Information Management System) facilitates the issuance of permits and manages compliance
 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.

**NPL
 Region
 ESE
 1/2-1
 3734 ft.**

**NUTTING TRUCK & CASTER CO
 1201 W DIVISION ST
 FARIBAULT, MN 55021**

**CERCLIS 1000413275
 RCRA-SQG MND006154017
 SHWS
 FINDS
 NPL
 RCRA-TSDF
 MN LS
 CORRACTS
 ROD
 MN VIC**

CERCLIS:
 Site ID: 0503705
 Federal Facility: Not a Federal Facility
 NPL Status: Currently on the Final NPL
 Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
 Contact Name: SHEILA SULLIVAN
 Contact Tel: (312) 886-5251

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NUTTING TRUCK & CASTER CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000413275

Contact Title: Remedial Project Manager (RPM)

Contact Name: DAVE NOVAK
Contact Tel: (312) 886-7478
Contact Title: Community Involvement Coordinator

CERCLIS Site Alias Name(s):

Alias Name: NUTTING TRUCK & CASTER CO
Alias Address: Not reported
Not reported

Alias Name: NUTTING TRUCK & CASTER CO.
Alias Address: 1201 WEST DIVISION STREET
FARIBAULT, MN 55021

Alias Name: NUTTING TRUCK & CASTER CO
Alias Address: Not reported
RICE, MN

Site Description: METAL, RUBBER & WOOD WORKING OPERATIONS BEGAN AT THIS SITE IN 1891. LIQUID AND SEMISOLID WASTES WERE DISCHARGED TO A SEEPAGE POND ON THE SITE. GROUNDWATER IS CONTAMINATED WITH TCE AND OTHER VOLATILE ORGANIC SUBSTANCES.

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 08/01/1979
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 03/01/1983
Priority Level: High

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 03/01/1983
Priority Level: High

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 09/01/1983
Priority Level: Not reported

Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 09/08/1983
Priority Level: Not reported

Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 09/21/1984
Priority Level: Not reported

Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: Not reported
Date Completed: 09/30/1984
Priority Level: Not reported

Action: RECORD OF DECISION

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NUTTING TRUCK & CASTER CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000413275

Date Started:	Not reported
Date Completed:	02/06/1987
Priority Level:	Final Remedy Selected at Site
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started:	04/26/1984
Date Completed:	02/06/1987
Priority Level:	Not reported
Action:	STATE ORDER
Date Started:	Not reported
Date Completed:	09/22/1987
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	11/30/1986
Date Completed:	11/30/1987
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	11/22/1989
Date Completed:	11/29/1989
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	04/18/1990
Date Completed:	07/12/1990
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	04/15/1992
Date Completed:	07/20/1992
Priority Level:	Not reported
Action:	PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started:	Not reported
Date Completed:	09/24/1992
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY LONG-TERM RESPONSE ACTION
Date Started:	09/24/1992
Date Completed:	Not reported
Priority Level:	Not reported
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	11/30/1987
Date Completed:	09/24/1992
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW
Date Started:	11/10/1993
Date Completed:	03/29/1994
Priority Level:	Not reported
Action:	FIVE YEAR REVIEW REPORT DUE
Date Started:	Not reported
Date Completed:	03/29/1994

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NUTTING TRUCK & CASTER CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000413275

Priority Level: Not reported

Action: FIVE YEAR REVIEW
Date Started: 12/18/1997
Date Completed: 03/31/1998
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 03/31/1998
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: 05/16/2003
Priority Level: Not reported

Action: FIVE YEAR REVIEW
Date Started: 11/06/2002
Date Completed: 05/16/2003
Priority Level: Not reported

Action: FIVE YEAR REVIEW REPORT DUE
Date Started: Not reported
Date Completed: Not reported
Priority Level: Not reported

RCRAInfo Corrective Action Summary:

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 06/30/2000

Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event Date: 06/30/2000

Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

Event Date: 10/24/1997

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

NUTTING TRUCK & CASTER CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000413275

- Event: Current Human Exposures under Control, More information is needed to make a determination.
- Event Date: 09/30/1997
- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.
- Event Date: 09/30/1997
- Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
- Event Date: 05/26/1995
- Event: CA Prioritization, Facility or area was assigned a high corrective action priority.
- Event Date: 03/31/1992
- Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
- Event Date: 03/13/1992
- Event: RFA Completed
- Event Date: 12/30/1991
- Event: Certification Of Remedy Completion Or Construction Completion
- Event Date: 11/25/1987
- Event: RFA Determination Of Need For An RFI, RFI is Necessary;
- Event Date: 09/22/1987
- Event: RFI Imposition
- Event Date: 09/22/1987
- Event: Date For Remedy Selection (CM Imposed)
- Event Date: 09/22/1987
- Event: RFI Approved
- Event Date: 09/22/1987

RCRAInfo:
 Owner: NUTTING TRUCK & CASTER CO
 (507) 334-4333
 EPA ID: MND006154017
 Contact: WAYNE NELSON
 (507) 334-4333
 Classification: TSDF
 TSDF Activities: Not reported
 Violation Status: No violations found

SHWS:
 Site Id: SR30
 Facility Address 2: Not reported
 Link Id: 151
 Site Type: Solvent Site
 Active?: Yes
 MPCA Region: Rochester

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NUTTING TRUCK & CASTER CO (Continued)

1000413275

Site Size: 11.5
 Score: 38
 Enforcement Lead Agency: MPCA
 Federal Deferral Pilot?: Yes
 Site Classification A Emergency: No
 Site Classification B O and m: Yes
 Site Classification C Rd/ra: No
 Site Classification D Ri/fs: No
 Fund Financed: No
 On NPL: Yes
 Plp: Yes
 District: South
 Program Site Was Referred From: SF
 Program Interest: SF
 Physical Location: within the city of Faribault
 Natural Resource Damage: No
 Cleanup Cost: 300000
 Indian Reservation Land?: No
 Reservation Name: Not reported
 MPCA-owned Wells At Site?: No
 Created By: Maureen Johnson
 Created Date: 6/2/1999
 Last Update Date: 1/5/1999
 Federal Facility?: No
 Primary Funding Source: Estimated RP Expenditures
 Epa Id: MND006154017
 MPCA Id: Not reported
 Basin code: Not reported
 Major water: Not reported
 Minor water: Not reported
 Notes: Contamination exists in several municipal wells in the Prairie du Chein aquifer, but evidence is insufficient to say that this site is a source.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

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.

NPL:

EPA ID: MND006154017
 Region: 05
 Federal: General

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NUTTING TRUCK & CASTER CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000413275

Final Date: 09/21/1984
EPA ID: MND006154017
Region: 05
Federal: General
Final Date: 09/21/1984

Category Details:
Site ID: Not reported
NPL Status: Currently on the Final NPL
Categ. Description: Depth To Aquifer-> 10 And <= 25 Feet
Categ. Value: 13

Site ID: Not reported
NPL Status: Currently on the Final NPL
Categ. Description: Distance To Nearest Population-> 1/4 And <= 1/2 Mile
Categ. Value: 1590

Site Details:
Site Name: NUTTING TRUCK & CASTER CO.
Site Status: Final
Status Date: 09/21/1984
Site City: FARIBAULT
Site State: MN
Federal Site: Not a Federal Facility
HRS Score: 37.87
GW Score: 65.38
SW Score: 4.28
Air Score: Not reported
Soil Score: Not reported
DC Score: Not reported
FE Score: Not reported

Site Name: NUTTING TRUCK & CASTER CO.
Site Status: Final
Status Date: 09/21/1984
Site City: FARIBAULT
Site State: MN
Federal Site: Not a Federal Facility
HRS Score: 42.38
GW Score: 73.08
SW Score: 5.85
Air Score: Not reported
Soil Score: Not reported
DC Score: Not reported
FE Score: Not reported

Substance Details:
Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: C324
CAS #: 156-59-2
Substance: CIS-1,2-DICHLOROETHYLENE
Pathway: GROUND WATER PATHWAY
Scoring: 2

Site ID: Not reported
NPL Status: Currently on the Final NPL
Substance ID: U078
CAS #: 75-35-4
Substance: DICHLOROETHENE, 1,1-

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

NUTTING TRUCK & CASTER CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000413275

Pathway: GROUND WATER PATHWAY
 Scoring: 2

Site ID: Not reported
 NPL Status: Currently on the Final NPL
 Substance ID: U080

CAS #: 75-09-2
 Substance: METHYLENE CHLORIDE
 Pathway: GROUND WATER PATHWAY
 Scoring: 2

Site ID: Not reported
 NPL Status: Currently on the Final NPL
 Substance ID: U228
 CAS #: 79-01-6
 Substance: TRICHLOROETHYLENE (TCE)
 Pathway: GROUND WATER PATHWAY
 Scoring: 4

Site ID: Not reported
 NPL Status: Currently on the Final NPL
 Substance ID: U228
 CAS #: 79-01-6
 Substance: TRICHLOROETHYLENE (TCE)
 Pathway: SURFACE WATER PATHWAY
 Scoring: 3

Site ID: Not reported
 NPL Status: Currently on the Final NPL
 Substance ID: U239
 CAS #: 1330-20-7
 Substance: XYLENE
 Pathway: GROUND WATER PATHWAY
 Scoring: 2

Site ID: Not reported
 NPL Status: Currently on the Final NPL
 Substance ID: Not reported
 CAS #: Not reported
 Substance: Not reported
 Pathway: Not reported
 Scoring: Not reported

Summary Details:

" Conditions at listing (September 1983): Nutting Truck & Caster Co. manufactures and distributes casters, wheels, hand trucks, and similar products in Faribault, Minnesota. The company began operation in 1891 and currently occupies 225,000 square feet of space on about 11 acres of land. The processes now in use are: aluminum and iron casting, machining, painting, rubber molding, welding, and woodworking. A waste survey by the State in early 1979 discovered that Nutting discharged some of its liquid and semisolid wastes to a seepage pond adjacent to the manufacturing building. Nutting stopped using the pond in 1979, then pumped it out and disposed of liquid wastes in a municipal sewer. The sludge from the pond was landfarmed on the site during 1980 under a State permit. Nutting met the conditions of the permit, one of which specified that foodchain crops could not be grown on the site without first notifying the State. The pond has been filled with clean

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NUTTING TRUCK & CASTER CO (Continued)

1000413275

n soil and paved for parking. Ground water adjacent to and downgradient from the pond is contaminated with volatile organic compounds, including trichloroethylene (TCE), according to analyses conducted by the State. Five municipal wells in Faribault contain TCE, one beyond safe drinking water limits. These wells are downgradient from the shallow ground water. So far, adjustments of pumping rates have kept TCE concentrations in Faribault's central reservoir within human health standards. Private wells are not contaminated to date. The State continues to monitor the Faribault municipal wells twice a month for volatile chlorinated organic compounds, especially TCE. Status (June 1984): A Consent Order was signed on April 26, 1984 requiring Nutting to conduct an investigation of the extent of ground water contamination originating from its property. If necessary, Nutting will prepare a feasibility study, based on the results of the investigation, to identify alternatives for remedial action. The work plan for the investigation is to be delivered to the State by mid-June 1984."

Site Status Details:

NPL Status: Final
Proposed Date: 09/08/1983
Final Date: 09/21/1984
Deleted Date: Not reported

RCRA Info Corrective Action Summary:

Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event Date: 06/30/2000

Event: Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

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Event Date: 10/24/1997

Event: Current Human Exposures under Control, More information is needed to make a determination.

Event Date: 09/30/1997

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

NUTTING TRUCK & CASTER CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000413275

- Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.
- Event Date: 09/30/1997
- Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
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- Event Date: 03/31/1992
- Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
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- Event: RFA Completed
- Event Date: 12/30/1991
- Event: Certification Of Remedy Completion Or Construction Completion
- Event Date: 11/25/1987
- Event: RFA Determination Of Need For An RFI, RFI is Necessary;
- Event Date: 09/22/1987
- Event: RFI Imposition
- Event Date: 09/22/1987
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- Event Date: 09/22/1987
- Event: RFI Approved
- Event Date: 09/22/1987

RCRAInfo:
 Owner: NUTTING TRUCK & CASTER CO
 (507) 334-4333
 EPA ID: MND006154017
 Contact: WAYNE NELSON
 (507) 334-4333
 Classification: TSDF
 TSDF Activities: Not reported
 Violation Status: No violations found

MN LS:
 Link ID: 151
 Facility Name 2: Not reported
 EPA ID: MND006154017
 MPCA ID: MNPT00012690
 Method: I1
 CERCLIS: Yes
 National Priorities List: Yes
 PLP: Yes
 Voluntary Cleanup & Investigation: Yes
 RCRA Treatment Storage & Disposal: No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

NUTTING TRUCK & CASTER CO (Continued)

1000413275

RCRA Generator: No
Solid Waste Permit: No
Dumps: No
No Further Remedial Action Planned: No
Delisted From PLP By MPCA: No
LCP: No
Brownfield: No
Entity Type: VIC

CORRACTS Data:

EPA Id: MND006154017
Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 03/13/1992
Corrective Action: CA225NR - Stabilization Measures Evaluation, This facility is , not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
2002 NAICS Title: Other Wood Product Manufacturing
Iron Foundries
Hardware Manufacturing

EPA Id: MND006154017
Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1992
Corrective Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
2002 NAICS Title: Other Wood Product Manufacturing
Iron Foundries
Hardware Manufacturing

EPA Id: MND006154017
Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 05/26/1995
Corrective Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
2002 NAICS Title: Other Wood Product Manufacturing
Iron Foundries
Hardware Manufacturing

EPA Id: MND006154017
Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 06/30/2000
Corrective Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
2002 NAICS Title: Other Wood Product Manufacturing
Iron Foundries
Hardware Manufacturing

EPA Id: MND006154017

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NUTTING TRUCK & CASTER CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000413275

Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 06/30/2000
Corrective Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
2002 NAICS Title: Other Wood Product Manufacturing
Iron Foundries
Hardware Manufacturing

[Click this hyperlink](#) while viewing on your computer to access 9 additional CORRACTS record(s) in the EDR Site Report.

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

MN Voluntary Investigation Cleanup Program:

Facility ID: VP12691
Facility Address 2: Not reported
Link Id: 151
Facility Type: Other
Active: No
Pay Complete: No
MPCA Region: Rochester
Size Acres: 11.5
HRS Score: 0
Enforcement Lead Agency: MPCA
Federal Defferal Plot: No
Emergency: No
Site Classification: No
RD/RA: No
RL/FS: No
Fund financed: No
Npl: Yes
Plp: Yes
District: South
Program Reffered from: Not reported
Program Interest: VIC
Physical Location: none
Natural Source damage: No
Clean up Cost: Not reported
Indian Reservation: No
Reservation Name: Not reported
MPCA Owned Wells at site: No
Created By: Pjensen
Date Created: 4/25/2001
Date Last Updated: 4/30/2002
Federal Facility: No
Primary Funding Source: Not reported
EPA Id: Not reported
MPCA Id: Not reported
Alpha Sort: Not reported
Legal Distt: 26B
Congressional Dist: 1
Scale Of Map Used Pls Loc Data: A
Township: 110
Range: 21
Range East West: W
Section: 36

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NUTTING TRUCK & CASTER CO (Continued)

1000413275

Pls Qtr Section (160 Acres):	Not reported
Pls Qtr Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres):	Not reported
Quad:	1458
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing The UTM Coord Point Data:	Not reported
Method For Loc Public Land Survey:	M
Method Of Utm Coord Pt Data Collection:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
Verification Method:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	477135.59186
Utm North:	4904055.95179
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Method For Loc Public Land Survey:	Not reported
Scale Of Map Used Pls Loc Data:	Not reported
Township 2:	Not reported
Range 2:	Not reported
Range East West:	Not reported
Section 2:	Not reported
Pls Qtr Section (160 Acres) 2:	Not reported
Pls Qtr Qtr Section (40 Acres)2:	Not reported
Pls Qtr Qtr Qtr Section (10 Acres)2:	Not reported
Pls Qtr Qtr Qtr Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
Contact Type:	Staff TA (Technical Analyst)
Company Name:	MPCA
Contact Address:	520 Lafayette Rd.
Contact Address 2:	Not reported
Contact City,St,Zip:	St. Paul, MN 551554194
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	651-282-2381
Contact Phone Ext:	Not reported
Contact Fax:	651-296-9707
Contact E-mail:	catherine.odell@pca.state.mn.us
Contact Cell Phone:	Not reported
Contact Information Last Updated:	1/2/2002
Misc Contact Info:	Not reported
Contact Type:	Staff PL/PM (Project Leader/Project Manager)s
Company Name:	MPCA
Contact Address:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NUTTING TRUCK & CASTER CO (Continued)

1000413275

Contact Address 2: Not reported
Contact City,St,Zip: MN
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 4/25/2001
Misc Contact Info: Not reported

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: 520 Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1/2/2002
Misc Contact Info: Not reported

Contact Type: Voluntary Party
Company Name: Quest Wireless
Contact Address: 426 N. Fairview
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 55104
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6516426060
Contact Phone Ext: Not reported
Contact Fax: 6516426942
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 4/25/2001
Misc Contact Info: Not reported

Contact Type: Owner
Company Name: Prairie Avenue Leasing Ltd.
Contact Address: 5720 E. 115th St.
Contact Address 2: Not reported
Contact City,St,Zip: Northfield, MN 55057
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 5076636056
Contact Phone Ext: Not reported
Contact Fax: 5076452818
Contact E-mail: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

NUTTING TRUCK & CASTER CO (Continued)

1000413275

Contact Cell Phone: Not reported
Contact Information Last Updated: 4/25/2001
Misc Contact Info: Not reported

Contact Type: Consultant
Company Name: Qwest
Contact Address: 301 W. 65th, Room 100
Contact Address 2: Not reported
Contact City,St,Zip: Richfield, MN 55423
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6127982424
Contact Phone Ext: Not reported
Contact Fax: 6127982451
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 4/25/2001
Misc Contact Info: Not reported

Contact Type: Legal Counsel
Company Name: Perkins Coie
Contact Address: 1899 Wynkoop - S700
Contact Address 2: Not reported
Contact City,St,Zip: Denver, CO 802021043
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 3032912312
Contact Phone Ext: Not reported
Contact Fax: 3032912400
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 4/25/2001
Misc Contact Info: Not reported

Contaminant Id: 79-01-6
Contaminated Media: Ground Water
Req Cleanup Concluded: 30
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: Not reported
Date Info Last Updated: 7/24/2001

Facid: VP12691
Event: VIC Program Participation Dates (Start/End)
Additional Information: None Entered
Start Date: 4/25/2001
End Date: 5/19/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 4/25/2001
Record Number: 10916

Facid: VP12691
Event: Site Visit
Additional Information: Drive by observations

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

NUTTING TRUCK & CASTER CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000413275

Start Date: 7/24/2001
 End Date: 8/1/2001
 Planned Start Date: Not reported
 Planned End Date: Not reported
 Date Info Last Updated: 8/2/2001
 Record Number: 11708

Facid: VP12691
 Event: Field Sampling Event (indicate by whom below)
 Additional Information: Geotechnical Engineering Report for Qwest Monopole, boring to 38 ft, screening with PID and water interfa
 Start Date: Not reported
 End Date: 3/27/2001
 Planned Start Date: Not reported
 Planned End Date: Not reported
 Date Info Last Updated: 7/16/2001
 Record Number: 11453

Facid: VP12691
 Event: Withdrawal from VIC Program
 Additional Information: Per phone converstaion from Gerard Breen, and since no determination could be supported by completed v
 Start Date: Not reported
 End Date: 10/23/2001
 Planned Start Date: Not reported
 Planned End Date: Not reported
 Date Info Last Updated: 10/23/2001
 Record Number: 12067

Facid: VP12691
 Event: Technical Assistance Letter Sent
 Additional Information: To QWEST advising construction manager no technical basis to support NAD.
 Start Date: Not reported
 End Date: 8/8/2001
 Planned Start Date: Not reported
 Planned End Date: Not reported
 Date Info Last Updated: 10/25/2001
 Record Number: 12089

Facid: VP12691
 GW Receipts Prot by Rem Actn: Not reported
 Ecological receptors present: No
 Type of ecological receptors: Not reported
 Acres of contaminated soil: Not reported
 Volume of contaminated soil: Not reported
 Acres of surface water impacted: Not reported
 Acres of wetland impacted: Not reported
 Acres of sediment impacted: Not reported
 GW Plume Area Acres: Not reported
 Cleanup Conducted: No
 Acres of Contam Soil remediate: Not reported
 Volume of Soil Cleaned: Not reported
 # Municipal wells contamd: Not reported
 # Dom wells contam: Not reported
 # People Impct SW intake contam: Not reported
 # Drums Revolved from site: Not reported
 Yr Soil Remediated: Not reported
 Acres of Soil w/ Restrict Access: Not reported
 Yr IC remedy complete: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

NUTTING TRUCK & CASTER CO (Continued)

1000413275

Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	No
Assurance help:	No
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	No
Restrictive Covenant Present:	No
GW Pump and Treat Used at site:	No
Quaternary Perched:	No
Quaternary Water Table:	No
Quaternary Confined:	No
Cretaceous:	No
Plattville:	No
St. peter:	No
Prairie Duchien:	No
Jordan:	No
Ironton/Galesville:	No
Mt Simon Hinckley:	No
Precambrian Undifferentiated:	No
Other/Unknown Aquifer:	9/27/2004
Date Info Last Updated:	9/27/2004
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Misc. Notes:	Not reported
Notes:	NAD letter issued to Marathon Mutimedia (applicant) 4/19/00 by Roch.Area Of Mgr. See also SR30 listing for active site reports.
Restrictions:	Not reported
SW Comments:	Not reported

3
West
< 1/8
587 ft.

TIRES PLUS FARIBAULT
1701 GRANT ST HWY 60
FARIBAULT, MN 55021

RCRA-SQG 1001078430
FINDS MNR000014357

Relative:
Equal

RCRAInfo:
 Owner: TIRES PLUS GROUPE
 (612) 895-4900
 EPA ID: MNR000014357
 Contact: ALAN TAGUE
 (612) 882-4816

Actual:
981 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

TIRES PLUS FARIBAULT (Continued)

EDR ID Number
 EPA ID Number

1001078430

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

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.

**4
 NW
 < 1/8
 625 ft.**

**R & R AUTO
 2250 HWY 60 W
 FARIBAULT, MN 55021**

**RCRA-SQG 1004737510
 FINDS MNR000051425**

**Relative:
 Lower**

RCRAInfo:

Owner: R & R AUTO
 (507) 334-6460

**Actual:
 980 ft.**

EPA ID: MNR000051425

Contact: MILTON PEROUTKA
 (507) 334-6460

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

MN-DELTA (Minnesota - Permitting, Compliance, And Enforcement Information Management System) facilitates the issuance of permits and manages compliance

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.

**B5
 East
 1/8-1/4
 709 ft.**

**BROWNS HARRY PONTIAC OLDSMOBILE CAD INC
 2007 GRANT ST
 FARIBAULT, MN 55021**

**RCRA-SQG 1000438219
 FINDS MND068196641**

Site 1 of 2 in cluster B

**Relative:
 Higher**

RCRAInfo:

Owner: BROWN HARRY
 (312) 555-1212

**Actual:
 982 ft.**

EPA ID: MND068196641

Contact: JIM ROACH
 (507) 332-7441

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BROWNS HARRY PONTIAC OLDSMOBILE CAD INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000438219

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

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.

B6
East
1/8-1/4
709 ft.

FARIBO DODGE INC
2007 GRANT ST
FARIBAULT, MN 55021

RCRA-SQG 1000246295
FINDS MND982620577

Site 2 of 2 in cluster B

Relative:
Higher

RCRAInfo:
 Owner: BROWN HAROLD
 (312) 555-1212
 EPA ID: MND982620577
 Contact: RICHARD TOWNSEND
 (507) 334-1862
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

Actual:
982 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

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.

C7
SSW
1/8-1/4
994 ft.

RYT-WAY INDUSTRIES
205 WESTERN AVE.
FARIBAULT, MN 55021

MN LS S103228023
MN VIC N/A

Site 1 of 3 in cluster C

Relative:
Higher

MN LS:
 Link ID: 3545
 Facility Name 2: GOPHER SHOOTER SUPPLY
 EPA ID: Not reported
 MPCA ID: MNPT00001550
 Method: I1
 CERCLIS: No
 National Priorities List: No
 PLP: No
 Voluntary Cleanup & Investigation: Yes
 RCRA Treatment Storage & Disposal: No
 RCRA Generator: No
 Solid Waste Permit: No
 Dumps: No
 No Further Remedial Action Planned: No
 Delisted From PLP By MPCA: No
 LCP: No

Actual:
988 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYT-WAY INDUSTRIES (Continued)

S103228023

Brownfield: No
 Entity Type: VIC

MN Voluntary Investigation Cleanup Program:

Facility ID: VP1550
 Facility Address 2: Not reported
 Link Id: 3545
 Facility Type: Not reported
 Active: No
 Pay Complete: No
 MPCA Region: Rochester
 Size Acres: 1
 HRS Score: 0
 Enforcement Lead Agency: Not reported
 Federal Defferal Plot: No
 Emergency: No
 Site Classification: No
 RD/RA: No
 RL/FS: No
 Fund financed: No
 Npl: No
 Plp: No
 District: South
 Program Referred from: Not reported
 Program Interest: VIC
 Physical Location: None
 Natural Source damage: No
 Clean up Cost: Not reported
 Indian Reservation: No
 Reservation Name: Not reported
 MPCA Owned Wells at site: No
 Created By: Unknown
 Date Created: 2/23/1989
 Date Last Updated: 5/5/1999
 Federal Facility: No
 Primary Funding Source: Not reported
 EPA Id: Not reported
 MPCA Id: Not reported
 Alpha Sort: Not reported
 Legal Distt: 26B
 Congressional Dist: 1
 Scale Of Map Used Pls Loc Data: A
 Township: Not reported
 Range: Not reported
 Range East West: W
 Section: Not reported
 Pls Qtr Section (160 Acres): Not reported
 Pls Qtr Qtr Section (40 Acres): Not reported
 Pls Qtr-Qtr-Qtr Section (10 Acres): Not reported
 Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres): Not reported
 Quad: 1458
 NAD Number: 83
 Desc Of UTM Coord Pt: Not reported
 UTM Coord Pt Data Source: Not reported
 Org Providing The UTM Coord Point Data: Not reported
 Method For Loc Public Land Survey: M
 Method Of Utm Coord Pt Data Collection: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYT-WAY INDUSTRIES (Continued)

S103228023

Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
Verification Method:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	475847.28125
Utm North:	4904285
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Major Watershed:	Not reported
Method For Loc Public Land Survey:	Not reported
Scale Of Map Used Pls Loc Data:	Not reported
Township 2:	Not reported
Range 2:	Not reported
Range East West:	Not reported
Section 2:	Not reported
Pls Qtr Section (160 Acres) 2:	Not reported
Pls Qtr Qtr Section (40 Acres)2:	Not reported
Pls Qtr Qtr Qtr Section (10 Acres)2:	Not reported
Pls Qtr Qtr Qtr Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
Contact Type:	Staff PL/PM (Project Leader/Project Manager)s
Company Name:	MPCA
Contact Address:	520 Lafayette Rd
Contact Address 2:	Not reported
Contact City,St,Zip:	St. Paul, MN 551554194
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	9/4/1998
Misc Contact Info:	Not reported
Contaminant Id:	Not reported
Contaminated Media:	Not reported
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	Not reported
Facid:	VP1550
Event:	VIC Program Participation Dates (Start/End)
Additional Information:	None
Start Date:	2/23/1989
End Date:	6/6/1998
Planned Start Date:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

RYT-WAY INDUSTRIES (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S103228023

Planned End Date:	Not reported
Date Info Last Updated:	Not reported
Record Number:	1048
Facid:	Not reported
GW Receipts Prot by Rem Actn:	Not reported
Ecological receptors present:	Not reported
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	Not reported
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	Not reported
Assurance help:	Not reported
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	Not reported
Restrictive Covenant Present:	Not reported
GW Pump and Treat Used at site:	Not reported
Quaternary Perched:	Not reported
Quaternary Water Table:	Not reported
Quaternary Confined:	Not reported
Cretaceous:	Not reported
Plattville:	Not reported
St. peter:	Not reported
Prairie Duchien:	Not reported
Jordan:	Not reported
Ironton/Galesville:	Not reported
Mt Simon Hinckley:	Not reported
Precambrian Undifferentiated:	Not reported
Other/Unknown Aquifer:	Not reported
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Misc. Notes:	Not reported
Notes:	Not reported
Restrictions:	Not reported
SW Comments:	Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C8
SSW
1/8-1/4
1070 ft.

RYTWAY PACKAGING
205 WESTERN AVE
FARIBAULT, MN 55021

LUST
UST
MN VIC

U000881879
N/A

Site 2 of 3 in cluster C

Relative:
Higher

LUST:

Actual:
989 ft.

MN PCA ID: 218953
 Leak Site: Leak Site - Tank and Petroleum Contamination
 File Archive Box: 07
 File Archive Lot: 96/307
 Soil Digout Date: Not reported
 Cubic Yards Excavated: 0
 Cond Closure Date: Not reported
Complete Site Closure Date: 01/21/1994 00:00:00
 Contaminated Soils Remaining: Yes
 Enforcement Action Begin Date: Not reported
 Lust Trust Eligible: No
 Offsite Contamination: Unknown
 Reimbursement Awarded: No
 Release Discovered Date: 09/23/1992 00:00:00
 Leak Reported Date: 09/23/1992 00:00:00
 Std Letter Response Date: Not reported
 Surface Water Impact: Unknown
 Utility Project Flag: No
 TMSP Added: 12/04/1999 14:03:47
 TMSP Last Update: 05/04/2002 09:21:11
 Staff Id Last Update: TANKS
 Release From AST: No
 Release From UST: No
 Tank Registration Status Code: U
 VPIC Application Date: Not reported
 VPIC Acres: Not reported
 Facility Addr 2: Not reported
 Leak ID: 6311
 Addr Id: 453710
 Township Name: Not reported
 Active Flag: No
 Country Code: USA
 Foreign State: Not reported
 Foreign Zone: Not reported
 State County Code: 66
 Interest Type: LS
 Interest Phone: NO CORE PI PH.
 Interest Start Date: 06/24/96
 Interest End Date: Not reported
 Vapor Intrusion Checked Flag: Not reported
 Soil Gas Data Collected Flag: Not reported
 Soil Gas Action Level Flag: Not reported
 Sub Slab Sample Collected Flag: Not reported
 Indoor Air Collected Flag: Not reported
 Vapor Intrusion Action Flag: Not reported
 Vapor Intrusion Comments: Not reported
 Soil Gas Data Comments: Not reported
 Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
 Leak Action Seq Id: Not reported
 Leak Action Code: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
Product Recovered Gallons: Not reported
Product Removed Gallons: Not reported
Treated Water Gallons: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Corrective Reason Code: Not reported

LEAK GW INFO:

MN PCA ID: 218953
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: No
Gw Cleanup Goal: 0
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 12/04/1999 14:07:31
TMSP Last Update: 11/04/2003 12:57:07
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 218953
Prod Released Sequence Id: 403909
Leak Product Code: Fuel Oil 1 and 2
Tmsp Added: 12/27/1999 12:59:09
Tmsp Last_updt: 05/04/2002 09:21:11
Staff Id Last Updt: TANKS

UST:

Program Interest Id: 199823
MPCA Tank Number: 004
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: None
Tank Stored Product: Fuel Oil
Client Tank Number: 004
AST Base Material: Not reported
Piping Material: Steel/Iron
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 2
Tank Status Code: Removed
Tank Storage Capacity: 1000
Tank Registration Date: 04/23/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Yes
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:35
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS
In Compliance: Yes
Serial Number: Not reported
Address Id: 453710
Fac Address 2: Not reported
Preferred ID: 10788

INSREM:

Program Interest Id: 199823
INSREM Product: 206827
INSREM Project #: 3407
INSREM Product: Other Substance
INSREM Product Description: UNKNOWN
INSREM Action ID: 379277
INSREM Action: Remove Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:51
Date Last Updated: 05/04/2002 08:15:18
MPCA Tank Number: 001
Tank Construction Material Code: 1
Piping Material: 1
Piping Material Desc: STEEL/IRON
Total Tank Capacity Quantity: 0
Staff Id Who Did The Last Update: TANKS

TABSITE:

Program Interest Id: 199823
Above Or Underground: Under Ground
Facility Code: 19
Indian Reservation: No
UST Registration Date: 04/23/1986 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:02
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

TANK ACTION:

Program Interest Id: 199823
MPCA Tank Number: 001
Above Or Underground: Under Ground

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Tank Action ID: 26487
Contractor Number: 590
Supervisor Number: 572
Tank Action: Remove Tank
Action Date: 08/26/1992 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 31328
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1974 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 27263
Contractor Number: 590
Supervisor Number: 572
Tank Action: Remove Tank
Action Date: 08/26/1992 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 32640
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1974 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Program Interest Id: 199823
MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 27263
Contractor Number: 590
Supervisor Number: 572
Tank Action: Remove Tank
Action Date: 08/26/1992 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 32640
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1973 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 004
Above Or Underground: Under Ground
Tank Action ID: 24931
Contractor Number: 590
Supervisor Number: 572
Tank Action: Remove Tank
Action Date: 08/26/1992 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 004
Above Or Underground: Under Ground
Tank Action ID: 28692
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1973 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 005
Above Or Underground: Under Ground
Tank Action ID: 26487
Contractor Number: 590
Supervisor Number: 572
Tank Action: Remove Tank
Action Date: 08/26/1992 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 005
Above Or Underground: Under Ground
Tank Action ID: 31328
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1973 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

Program Interest Id: 199823
MPCA Tank Number: 004
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 1000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:03
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 8000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:30

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 005
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 1000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:30
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 8000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:44
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 003
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 1000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:44
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199823
MPCA Tank Number: 001
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: None
Tank Stored Product: Fuel Oil
Client Tank Number: 001
AST Base Material: Not reported
Piping Material: Steel/Iron
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 2

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Tank Status Code:	Removed
Tank Storage Capacity:	8000
Tank Registration Date:	04/23/1986 00:00:00
Unregulated Tank Registration Date:	Not reported
Compartmental Tank Flag:	Not reported
Heating Product Flag:	Yes
Haz Waste Generator Id:	Not reported
Product Replaced Date:	Not reported
Sludge Disposal Facility:	Not reported
Comments:	Not reported
Date Added:	10/10/1999 10:57:04
Date Last Updated:	05/04/2002 08:15:18
Staff Id Who Did The Last Update:	TANKS
In Compliance:	Yes
Serial Number:	Not reported
Address Id:	453710
Fac Address 2:	Not reported
Preferred ID:	10788
Program Interest Id:	199823
MPCA Tank Number:	005
Above/ Under Ground:	Under Ground
Piping Cathodic Protection:	None
Tank Cathodic Protection:	None
Tank Stored Product:	Fuel Oil
Client Tank Number:	005
AST Base Material:	Not reported
Piping Material:	Steel/Iron
Piping Material Description:	Not reported
Second Contain Tank:	Not reported
Second Contain Pipe:	Not reported
Tank Construction Material:	Bare/Paint/Asph Coat Steel
Tank Dispenser Code:	2
Tank Status Code:	Removed
Tank Storage Capacity:	1000
Tank Registration Date:	04/23/1986 00:00:00
Unregulated Tank Registration Date:	Not reported
Compartmental Tank Flag:	Not reported
Heating Product Flag:	Yes
Haz Waste Generator Id:	Not reported
Product Replaced Date:	Not reported
Sludge Disposal Facility:	Not reported
Comments:	Not reported
Date Added:	10/10/1999 10:57:04
Date Last Updated:	05/04/2002 08:15:18
Staff Id Who Did The Last Update:	TANKS
In Compliance:	Yes
Serial Number:	Not reported
Address Id:	453710
Fac Address 2:	Not reported
Preferred ID:	10788
Program Interest Id:	199823
MPCA Tank Number:	002
Above/ Under Ground:	Under Ground
Piping Cathodic Protection:	None
Tank Cathodic Protection:	None

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Tank Stored Product: Fuel Oil
Client Tank Number: 002
AST Base Material: Not reported
Piping Material: Steel/Iron
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 2
Tank Status Code: Removed
Tank Storage Capacity: 8000
Tank Registration Date: 04/23/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Yes
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:19
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS
In Compliance: Yes
Serial Number: Not reported
Address Id: 453710
Fac Address 2: Not reported
Preferred ID: 10788

Program Interest Id: 199823
MPCA Tank Number: 003
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: None
Tank Stored Product: Fuel Oil
Client Tank Number: 003
AST Base Material: Not reported
Piping Material: Steel/Iron
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 2
Tank Status Code: Removed
Tank Storage Capacity: 1000
Tank Registration Date: 04/23/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Yes
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:19
Date Last Updated: 05/04/2002 08:15:18
Staff Id Who Did The Last Update: TANKS
In Compliance: Yes
Serial Number: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Address Id: 453710
 Fac Address 2: Not reported
 Preferred ID: 10788

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

MN Voluntary Investigation Cleanup Program:

Facility ID: VP8941
 Facility Address 2: Not reported
 Link Id: 3545
 Facility Type: Not reported
 Active: No
 Pay Complete: No
 MPCA Region: Rochester
 Size Acres: Not reported
 HRS Score: 0
 Enforcement Lead Agency: Not reported
 Federal Defferal Plot: No
 Emergency: No
 Site Classification: No
 RD/RA: No
 RL/FS: No
 Fund financed: No
 Npl: No
 Plp: No
 District: South
 Program Referred from: Not reported
 Program Interest: VIC
 Physical Location: None
 Natural Source damage: No
 Clean up Cost: Not reported
 Indian Reservation: No
 Reservation Name: Not reported
 MPCA Owned Wells at site: No
 Created By: K Lukes
 Date Created: 11/25/1997
 Date Last Updated: 6/4/2003
 Federal Facility: No
 Primary Funding Source: Not reported
 EPA Id: Not reported
 MPCA Id: Not reported
 Alpha Sort: Not reported
 Legal Distt: 26B
 Congressional Dist: Not reported
 Scale Of Map Used Pls Loc Data: Not reported
 Township: Not reported
 Range: Not reported
 Range East West: Not reported
 Section: Not reported
 Pls Qtr Section (160 Acres): Not reported
 Pls Qtr Qtr Section (40 Acres): Not reported
 Pls Qtr-Qtr-Qtr Section (10 Acres): Not reported
 Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres): Not reported
 Quad: Not reported
 NAD Number: 83
 Desc Of UTM Coord Pt: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

UTM Coord Pt Data Source: Not reported
Org Providing The UTM Coord Point Data: Not reported
Method For Loc Public Land Survey: Not reported
Method Of Utm Coord Pt Data Collection: Not reported
Date Of Utm Coord Pt Data Collection: Not reported
COL Date Qual: Not reported
Map Scale: Not reported
Verification Method: Not reported
horizref: Not reported
Utm Source: 2
Utm Method: I1
Utm Scale: A
Utm Accuracy: Not reported
Utm East: 475847.28125
Utm North: 4904285
Utm Zone: 15
Basin Code: Not reported
Major Watershed: Not reported
Major Watershed: Not reported
Method For Loc Public Land Survey: Not reported
Scale Of Map Used Pls Loc Data: Not reported
Township 2: Not reported
Range 2: Not reported
Range East West: Not reported
Section 2: Not reported
Pls Qtr Section (160 Acres) 2: Not reported
Pls Qtr Qtr Section (40 Acres)2: Not reported
Pls Qtr Qtr Qtr Section (10 Acres)2: Not reported
Pls Qtr Qtr Qtr Qtr Section (2.5 Acres) 2: Not reported
Quad 2: Not reported
File Location: Archival Storage
Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 5/5/1999
Misc Contact Info: Not reported

Contact Type: Staff PL/PM (Project Leader/Project Manager)s
Company Name: MPCA
Contact Address: 520 Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Contact Fax: Not reported
 Contact E-mail: Not reported
 Contact Cell Phone: Not reported
 Contact Information Last Updated: 11/25/1997
 Misc Contact Info: Not reported

Contaminant Id: 00-00-0
 Contaminated Media: Ground Water
 Req Cleanup Concluded: Not reported
 Cleanup Lvl Measure Units: Not reported
 Basis For Req Cleanup Lvl: Not reported
 Max Residual Contamination: Not reported
 Date Info Last Updated: 2/11/2003

Facid: VP8941
 Event: VIC Program Participation Dates (Start/End)
 Additional Information: None
 Start Date: 11/24/1997
 End Date: 6/19/2000
 Planned Start Date: Not reported
 Planned End Date: Not reported
 Date Info Last Updated: 11/25/1997
 Record Number: 1626

Facid: VP8941
 Event: No Association Determination Issued
 Additional Information: None Entered
 Start Date: Not reported
 End Date: 12/31/1997
 Planned Start Date: Not reported
 Planned End Date: Not reported
 Date Info Last Updated: 5/7/2002
 Record Number: 13921

Facid: Not reported
 GW Receipts Prot by Rem Actn: Not reported
 Ecological receptors present: Not reported
 Type of ecological receptors: Not reported
 Acres of contaminated soil: Not reported
 Volume of contaminated soil: Not reported
 Acres of surface water impacted: Not reported
 Acres of wetland impacted: Not reported
 Acres of sediment impacted: Not reported
 GW Plume Area Acres: Not reported
 Cleanup Conducted: Not reported
 Acres of Contam Soil remediate: Not reported
 Volume of Soil Cleaned: Not reported
 # Municipal wells contamd: Not reported
 # Dom wells contam: Not reported
 # People Impct SW intake contam: Not reported
 # Drums Revolved from site: Not reported
 Yr Soil Remediated: Not reported
 Acres of Soil w/ Restrict Access: Not reported
 Yr IC remedy complete: Not reported
 Yr GW remedy completed: Not reported
 Year GWIC completed: Not reported
 Acres of wetland of sediment remediated: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYTWAY PACKAGING (Continued)

U000881879

Public financing:	Not reported
Assurance help:	Not reported
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	Not reported
Restrictive Covenant Present:	Not reported
GW Pump and Treat Used at site:	Not reported
Quaternary Perched:	Not reported
Quaternary Water Table:	Not reported
Quaternary Confined:	Not reported
Cretaceous:	Not reported
Plattville:	Not reported
St. peter:	Not reported
Prairie Duchien:	Not reported
Jordan:	Not reported
Ironton/Galesville:	Not reported
Mt Simon Hinckley:	Not reported
Precambrian Undifferentiated:	Not reported
Other/Unknown Aquifer:	Not reported
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Misc. Notes:	Not reported
Notes:	Not reported
Restrictions:	Not reported
SW Comments:	Not reported

C9
SSW
1/8-1/4
1083 ft.

MARQUARD STEPHEN C DDS
200 WESTERN AVE NW B
FARIBAULT, MN 55021

RCRA-SQG 1004726355
FINDS MN0000089433

Site 3 of 3 in cluster C

Relative:
Higher

RCRAInfo:
 Owner: FARIBO WEST MALL

Actual:
989 ft.

(612) 933-0409
 EPA ID: MN0000089433
 Contact: STEPHEN MARQUARD
 (507) 332-8756

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 MN-DELTA (Minnesota - Permitting, Compliance, And Enforcement Information Management System)
 facilitates the issuance of permits and manages compliance

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

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

10 RYT-WAY INDUSTRIES
SSW 205 WESTERN AVENUE
1/8-1/4 FARIBAULT, MN 55021
1132 ft.

MN VIC S103909193
N/A

Relative:
Higher

MN Voluntary Investigation Cleanup Program:

Actual:
989 ft.

Facility ID:	VP8940
Facility Address 2:	Not reported
Link Id:	3545
Facility Type:	Other
Active:	No
Pay Complete:	No
MPCA Region:	Rochester
Size Acres:	4.5
HRS Score:	0
Enforcement Lead Agency:	Not reported
Federal Defferal Plot:	No
Emergency:	No
Site Classification:	No
RD/RA:	No
RL/FS:	No
Fund financed:	No
Npl:	No
Plp:	No
District:	South
Program Referred from:	Not reported
Program Interest:	VIC
Physical Location:	Unknown
Natural Source damage:	No
Clean up Cost:	Not reported
Indian Reservation:	No
Reservation Name:	Not reported
MPCA Owned Wells at site:	No
Created By:	Unknown
Date Created:	9/9/1997
Date Last Updated:	6/4/2003
Federal Facility:	No
Primary Funding Source:	Not reported
EPA Id:	Not reported
MPCA Id:	Not reported
Alpha Sort:	Not reported
Legal Distt:	26B
Congressional Dist:	Not reported
Scale Of Map Used Pls Loc Data:	Not reported
Township:	Not reported
Range:	Not reported
Range East West:	Not reported
Section:	Not reported
Pls Qtr Section (160 Acres):	Not reported
Pls Qtr Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing The UTM Coord Point Data:	Not reported
Method For Loc Public Land Survey:	Not reported
Method Of Utm Coord Pt Data Collection:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYT-WAY INDUSTRIES (Continued)

S103909193

Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
Verification Method:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	475847.28125
Utm North:	4904285
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Major Watershed:	Not reported
Method For Loc Public Land Survey:	Not reported
Scale Of Map Used Pls Loc Data:	Not reported
Township 2:	Not reported
Range 2:	Not reported
Range East West:	Not reported
Section 2:	Not reported
Pls Qtr Section (160 Acres) 2:	Not reported
Pls Qtr Qtr Section (40 Acres)2:	Not reported
Pls Qtr Qtr Qtr Section (10 Acres)2:	Not reported
Pls Qtr Qtr Qtr Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
Contact Type:	Former Staff Project Leader/Project Manager
Company Name:	MPCA
Contact Address:	Lafayette Rd
Contact Address 2:	Not reported
Contact City,St,Zip:	St. Paul, MN 551554194
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	6/20/2000
Misc Contact Info:	Not reported
Contact Type:	Former Staff TA
Company Name:	MPCA
Contact Address:	Lafayette Rd
Contact Address 2:	Not reported
Contact City,St,Zip:	St. Paul, MN 551554194
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Fax:	Not reported
Contact E-mail:	Not reported
Contact Cell Phone:	Not reported
Contact Information Last Updated:	5/5/1999

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYT-WAY INDUSTRIES (Continued)

S103909193

Misc Contact Info:	Not reported
Contaminant Id:	00-00-0
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	2/11/2003
Facid:	VP8940
Event:	VIC Program Participation Dates (Start/End)
Additional Information:	None
Start Date:	9/9/1997
End Date:	4/4/2000
Planned Start Date:	Not reported
Planned End Date:	Not reported
Date Info Last Updated:	2/11/1998
Record Number:	4077
Facid:	VP8940
GW Receipts Prot by Rem Actn:	Not reported
Ecological receptors present:	No
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	No
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	No
Assurance help:	No
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	No
Restrictive Covenant Present:	No
GW Pump and Treat Used at site:	No
Quaternary Perched:	No
Quaternary Water Table:	No
Quaternary Confined:	No
Cretaceous:	No
Plattville:	No
St. peter:	No
Prairie Duchien:	No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RYT-WAY INDUSTRIES (Continued)

S103909193

Jordan: No
 Ironton/Galesville: No
 Mt Simon Hinckley: No
 Precambrian Undifferentiated: No
 Other/Unknown Aquifer: Not reported
 Date Info Last Updated: Not reported
 Inst Control Info Updated: Not reported
 Inst Control Filed Location: Not reported
 SW Classification (Primary): Not reported
 SW Classification (Secondary): Not reported

Misc. Notes: Not reported
 Notes: Not reported
 Restrictions: Not reported
 SW Comments: Not reported

11
 ENE
 1/8-1/4
 1132 ft.

**FARIBAULT HY VEE
 1920 GRANT ST
 FARIBAULT, MN 55021**

**UST U003982640
 N/A**

**Relative:
 Equal**

UST:

**Actual:
 981 ft.**

Program Interest Id: 301423
 MPCA Tank Number: 001
 Above/ Under Ground: Under Ground
 Piping Cathodic Protection: Not reported
 Tank Cathodic Protection: Not reported
 Tank Stored Product: Gasoline
 Client Tank Number: Not reported
 AST Base Material: Not reported
 Piping Material: Fiberglass
 Piping Material Description: Not reported
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Fiberglass
 Tank Dispenser Code: Not reported
Tank Status Code: Pending
 Tank Storage Capacity: 20000
 Tank Registration Date: Not reported
 Unregulated Tank Registration Date: 10/04/2004 00:00:00
 Compartmental Tank Flag: Not reported
 Heating Product Flag: Not reported
 Haz Waste Generator Id: Not reported
 Product Replaced Date: Not reported
 Sludge Disposal Facility: Not reported
 Comments: Not reported
 Date Added: 10/08/2004 11:59:49
 Date Last Updated: 10/08/2004 11:59:49
 Staff Id Who Did The Last Update: JHENRY
 In Compliance: Yes
 Serial Number: Not reported
 Address Id: 419437
 Fac Address 2: Not reported
 Preferred ID: 123755

INSREM:

Program Interest Id: 301423
 INSREM Product: 890994

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FARIBAULT HY VEE (Continued)

U003982640

INSREM Project #: 1
INSREM Product: Gasoline
INSREM Product Description: Not reported
INSREM Action ID: 890995
INSREM Action: Install Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/08/2004 12:02:58
Date Last Updated: 10/08/2004 12:02:58
MPCA Tank Number: 001
Tank Construction Material Code: 3
Piping Material: Not reported
Piping Material Desc: 6
Total Tank Capacity Quantity: 20000
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
INSREM Product: 890994
INSREM Project #: 0
INSREM Product: Gasoline
INSREM Product Description: Not reported
INSREM Action ID: 890996
INSREM Action: Install Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/08/2004 12:03:13
Date Last Updated: 10/08/2004 12:03:13
MPCA Tank Number: 002
Tank Construction Material Code: 3
Piping Material: Not reported
Piping Material Desc: 6
Total Tank Capacity Quantity: 14000
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
INSREM Product: 890994
INSREM Project #: 0
INSREM Product: Other Substance
INSREM Product Description: COMPARTM
INSREM Action ID: 890997
INSREM Action: Install Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/08/2004 12:03:36
Date Last Updated: 10/08/2004 12:03:36
MPCA Tank Number: 003
Tank Construction Material Code: 3
Piping Material: Not reported
Piping Material Desc: 6
Total Tank Capacity Quantity: 6000
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
INSREM Product: 890994
INSREM Project #: 0
INSREM Product: Gasoline
INSREM Product Description: Not reported
INSREM Action ID: 890998
INSREM Action: Install Tank And Pipe
Action Completed Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FARIBAULT HY VEE (Continued)

U003982640

Date Added: 10/08/2004 12:03:56
Date Last Updated: 10/08/2004 12:03:56
MPCA Tank Number: 004
Tank Construction Material Code: 3
Piping Material: Not reported
Piping Material Desc: 6
Total Tank Capacity Quantity: 14000
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
INSREM Product: 890994
INSREM Project #: 0
INSREM Product: Other Substance
INSREM Product Description: COMPARTM
INSREM Action ID: 890999
INSREM Action: Install Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/08/2004 12:04:17
Date Last Updated: 10/08/2004 12:04:17
MPCA Tank Number: 005
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: 6
Total Tank Capacity Quantity: 6000
Staff Id Who Did The Last Update: JHENRY

TABSITE:

Program Interest Id: 301423
Above Or Underground: Under Ground
Facility Code: 34
Indian Reservation: No
UST Registration Date: Not reported
AST Registration Date: Not reported
Date Added: 10/08/2004 11:58:45
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

TANK ACTION:

Program Interest Id: Not reported
MPCA Tank Number: Not reported
Above Or Underground: Not reported
Tank Action ID: Not reported
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Not reported
Action Date: Not reported
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: Not reported
Date Last Updated: Not reported
Staff Id Who Did The Last Update: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FARIBAULT HY VEE (Continued)

U003982640

TANK COMPARTMENT:

Program Interest Id: 301423
MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: Not reported
Compartment Cap: 20000
Heating: No
Other Desc: Not reported
Date Added: 10/08/2004 11:59:49
Date Last Updated: 10/08/2004 11:59:49
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: Not reported
Compartment Cap: 14000
Heating: No
Other Desc: Not reported
Date Added: 10/08/2004 12:00:16
Date Last Updated: 10/08/2004 12:00:16
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
MPCA Tank Number: 003
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 10
Tank Stored Product Desc: Not reported
Compartment Cap: 3000
Heating: No
Other Desc: Not reported
Date Added: 10/08/2004 12:00:54
Date Last Updated: 10/08/2004 12:01:00
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
MPCA Tank Number: 003
Above Or Underground: Under Ground
Compartment Number: 2
Tank Stored Product Code: 10
Tank Stored Product Desc: Not reported
Compartment Cap: 3000
Heating: No
Other Desc: Not reported
Date Added: 10/08/2004 12:01:00
Date Last Updated: 10/08/2004 12:01:00
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
MPCA Tank Number: 004
Above Or Underground: Under Ground
Compartment Number: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FARIBAULT HY VEE (Continued)

U003982640

Tank Stored Product Code: 14
Tank Stored Product Desc: Not reported
Compartment Cap: 14000
Heating: No
Other Desc: Not reported
Date Added: 10/08/2004 12:01:27
Date Last Updated: 10/08/2004 12:01:27
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
MPCA Tank Number: 005
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: Not reported
Compartment Cap: 4000
Heating: No
Other Desc: Not reported
Date Added: 10/08/2004 12:02:04
Date Last Updated: 10/08/2004 12:02:15
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
MPCA Tank Number: 005
Above Or Underground: Under Ground
Compartment Number: 2
Tank Stored Product Code: 14
Tank Stored Product Desc: Not reported
Compartment Cap: 2000
Heating: No
Other Desc: Not reported
Date Added: 10/08/2004 12:02:15
Date Last Updated: 10/08/2004 12:02:15
Staff Id Who Did The Last Update: JHENRY

Program Interest Id: 301423
MPCA Tank Number: 002
Above/ Under Ground: Under Ground
Piping Cathodic Protection: Not reported
Tank Cathodic Protection: Not reported
Tank Stored Product: Gasoline
Client Tank Number: Not reported
AST Base Material: Not reported
Piping Material: Fiberglass
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Fiberglass
Tank Dispenser Code: Not reported
Tank Status Code: Pending
Tank Storage Capacity: 14000
Tank Registration Date: Not reported
Unregulated Tank Registration Date: 10/04/2004 00:00:00
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FARIBAULT HY VEE (Continued)

U003982640

Product Replaced Date: Not reported
 Sludge Disposal Facility: Not reported
 Comments: Not reported
 Date Added: 10/08/2004 12:00:16
 Date Last Updated: 10/08/2004 12:00:16
 Staff Id Who Did The Last Update: JHENRY
 In Compliance: Yes
 Serial Number: Not reported
 Address Id: 419437
 Fac Address 2: Not reported
 Preferred ID: 123755

Program Interest Id: 301423
 MPCA Tank Number: 003
 Above/ Under Ground: Under Ground
 Piping Cathodic Protection: Not reported
 Tank Cathodic Protection: Not reported
 Tank Stored Product: Diesel
 Client Tank Number: Not reported
 AST Base Material: Not reported
 Piping Material: Fiberglass
 Piping Material Description: Not reported
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Fiberglass
 Tank Dispenser Code: Not reported
Tank Status Code: Pending
 Tank Storage Capacity: 6000
 Tank Registration Date: Not reported
 Unregulated Tank Registration Date: 10/04/2004 00:00:00
 Compartmental Tank Flag: Not reported
 Heating Product Flag: Not reported
 Haz Waste Generator Id: Not reported
 Product Replaced Date: Not reported
 Sludge Disposal Facility: Not reported
 Comments: Not reported
 Date Added: 10/08/2004 12:00:54
 Date Last Updated: 10/08/2004 12:01:00
 Staff Id Who Did The Last Update: JHENRY
 In Compliance: Yes
 Serial Number: Not reported
 Address Id: 419437
 Fac Address 2: Not reported
 Preferred ID: 123755

Program Interest Id: 301423
 MPCA Tank Number: 004
 Above/ Under Ground: Under Ground
 Piping Cathodic Protection: Not reported
 Tank Cathodic Protection: Not reported
 Tank Stored Product: Gasoline
 Client Tank Number: Not reported
 AST Base Material: Not reported
 Piping Material: Fiberglass
 Piping Material Description: Not reported
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FARIBAULT HY VEE (Continued)

U003982640

Tank Construction Material: Fiberglass
Tank Dispenser Code: Not reported
Tank Status Code: Pending
Tank Storage Capacity: 14000
Tank Registration Date: Not reported
Unregulated Tank Registration Date: 10/04/2004 00:00:00
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/08/2004 12:01:27
Date Last Updated: 10/08/2004 12:01:27
Staff Id Who Did The Last Update: JHENRY
In Compliance: Yes
Serial Number: Not reported
Address Id: 419437
Fac Address 2: Not reported
Preferred ID: 123755

Program Interest Id: 301423
MPCA Tank Number: 005
Above/ Under Ground: Under Ground
Piping Cathodic Protection: Not reported
Tank Cathodic Protection: Not reported
Tank Stored Product: Gasoline
Client Tank Number: Not reported
AST Base Material: Not reported
Piping Material: Fiberglass
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Fiberglass
Tank Dispenser Code: Not reported
Tank Status Code: Pending
Tank Storage Capacity: 6000
Tank Registration Date: Not reported
Unregulated Tank Registration Date: 10/04/2004 00:00:00
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/08/2004 12:02:04
Date Last Updated: 10/08/2004 12:02:15
Staff Id Who Did The Last Update: JHENRY
In Compliance: Yes
Serial Number: Not reported
Address Id: 419437
Fac Address 2: Not reported
Preferred ID: 123755

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D12 **STEFFENS CHEVROLET BUICK INC**
East **1905 GRANT ST**
1/8-1/4 **FARIBAULT, MN 55021**
1156 ft.

RCRA-SQG **1000228814**
FINDS **MND022789374**

Site 1 of 2 in cluster D

Relative:
Higher

RCRAInfo:
 Owner: STEFFENS INVESTMENT
 (312) 555-1212
 EPA ID: MND022789374
 Contact: LAVERNE STEFFENS
 (507) 334-4354

Actual:
982 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 MN-DELTA (Minnesota - Permitting, Compliance, And Enforcement Information Management System)
 facilitates the issuance of permits and manages compliance

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.

D13 **STEFFENS CHEV BUICK**
East **1905 GRANT ST**
1/8-1/4 **FARIBAULT, MN 55021**
1156 ft.

AST **A100151972**
N/A

Site 2 of 2 in cluster D

Relative:
Higher

AST:
 Program Interest Id: 211934
 Address Id: 188460
 MPCA Tank Number: 1002
 Above/Under Ground: Above Ground
 Serial Number: Not reported
 Date Added: 10/10/1999 10:57:30
 Date Last Updated: 05/06/2004 07:17:52
 Piping Cathodic Protection: Not reported
 Tank Cathodic Protection: Not reported
 Tank Stored Product: Other Substance
 Client Tank Number: 1002
 AST Base Material: Located Indoors
 Piping Material: Steel/Iron
 Piping Material Desc: STEEL/IRON
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Metal
 Tank Dispenser Code: Not reported
 Tank Status Code: Active
 Tank Storage Capacity: 240
 Tank Registration Date: 06/22/1999 00:00:00
 Unregulated Tank Registration Date: Not reported
 Compartmental Tank Flag: Not reported
 Heating Product Flag: Not reported
 Haz Waste Generator Id: Not reported
 Product Replaced Date: Not reported

Actual:
982 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

STEFFENS CHEV BUICK (Continued)

EDR ID Number
EPA ID Number

Database(s)

A100151972

Sludge Disposal Facility: Not reported
Comments: Not reported
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Preferred ID: 55892
Facility Addr 2: Not reported

INSREM:
Program Interest Id: Not reported
INSREM Product: Not reported
INSREM Project #: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported
MPCA Tank Number: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported

TABSITE:
Program Interest Id: 211934
Above Or Underground: Above Ground
Facility Code: 2
Indian Reservation: No
UST Registration Date: Not reported
AST Registration Date: 06/22/1999 00:00:00
Date Added: 07/07/1999 14:35:57
Date Last Updated: 05/23/2003 09:21:05
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

TANK ACTION:
Program Interest Id: 211934
MPCA Tank Number: 1002
Above Or Underground: Above Ground
Tank Action ID: 81893
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 04/01/1993 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:53
Date Last Updated: 05/04/2002 08:55:51
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 211934
MPCA Tank Number: 1003

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

STEFFENS CHEV BUICK (Continued)

A100151972

Above Or Underground: Above Ground
Tank Action ID: 81915
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 11/01/1992 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:12
Date Last Updated: 05/04/2002 08:55:51
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 211934
MPCA Tank Number: 1001
Above Or Underground: Above Ground
Tank Action ID: 81915
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 04/01/1993 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:12
Date Last Updated: 05/04/2002 08:55:51
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

Program Interest Id: 211934
MPCA Tank Number: 1003
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 24
Tank Stored Product Desc: WASTE OIL
Compartment Cap: 500
Heating: Not reported
Other Desc: Not reported
Date Added: 10/10/1999 10:59:13
Date Last Updated: 05/04/2002 08:55:51
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 211934
MPCA Tank Number: 1001
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 21
Tank Stored Product Desc: NEW OIL
Compartment Cap: 240
Heating: Not reported
Other Desc: Not reported
Date Added: 10/10/1999 10:59:13
Date Last Updated: 05/04/2002 08:55:51
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 211934
MPCA Tank Number: 1002

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

STEFFENS CHEV BUICK (Continued)

A100151972

Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 21
Tank Stored Product Desc: NEW OIL
Compartment Cap: 240
Heating: Not reported
Other Desc: Not reported
Date Added: 10/10/1999 10:59:13
Date Last Updated: 05/04/2002 08:55:51
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 211934
Address Id: 188460
MPCA Tank Number: 1003
Above/Under Ground: Above Ground
Serial Number: Not reported
Date Added: 10/10/1999 10:57:30
Date Last Updated: 05/06/2004 07:17:52
Piping Cathodic Protection: Not reported
Tank Cathodic Protection: Not reported
Tank Stored Product: Used Or Waste Oil
Client Tank Number: 1003
AST Base Material: On Ground
Piping Material: Steel/Iron
Piping Material Desc: STEEL/IRON
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Metal
Tank Dispenser Code: Not reported
Tank Status Code: Active
Tank Storage Capacity: 500
Tank Registration Date: 06/22/1999 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Preferred ID: 55892
Facility Addr 2: Not reported

Program Interest Id: 211934
Address Id: 188460
MPCA Tank Number: 1001
Above/Under Ground: Above Ground
Serial Number: Not reported
Date Added: 10/10/1999 10:57:30
Date Last Updated: 05/06/2004 07:17:52
Piping Cathodic Protection: Not reported
Tank Cathodic Protection: Not reported
Tank Stored Product: Other Substance
Client Tank Number: 1001
AST Base Material: Located Indoors

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

STEFFENS CHEV BUICK (Continued)

A100151972

Piping Material: Steel/Iron
 Piping Material Desc: STEEL/IRON
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Metal
 Tank Dispenser Code: Not reported
 Tank Status Code: Active
 Tank Storage Capacity: 240
 Tank Registration Date: 06/22/1999 00:00:00
 Unregulated Tank Registration Date: Not reported
 Compartmental Tank Flag: Not reported
 Heating Product Flag: Not reported
 Haz Waste Generator Id: Not reported
 Product Replaced Date: Not reported
 Sludge Disposal Facility: Not reported
 Comments: Not reported
 Staff Id Who Did The Last Update: RSUCHAN
 In Compliance: Yes
 Preferred ID: 55892
 Facility Addr 2: Not reported

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

14 LAKE SALES
NE 1920 NW 5TH ST
1/8-1/4 FARIBAULT, MN 55021
1186 ft.

LUST S105710499
N/A

Relative:
Lower

LUST:

Actual:
977 ft.

MN PCA ID: 253154
 Leak Site: Leak Site - Tank and Petroleum Contamination
 File Archive Box: Not reported
 File Archive Lot: Not reported
 Soil Digout Date: Not reported
 Cubic Yards Excavated: Not reported
 Cond Closure Date: Not reported
Complete Site Closure Date: Not reported
 Contaminated Soils Remaining: Unknown
 Enforcement Action Begin Date: 11/06/2002 00:00:00
 Lust Trust Eligible: No
 Offsite Contamination: Unknown
 Reimbursement Awarded: No
 Release Discovered Date: 10/25/2002 00:00:00
 Leak Reported Date: 10/25/2002 00:00:00
 Std Letter Response Date: Not reported
 Surface Water Impact: Unknown
 Utility Project Flag: No
 TMSP Added: 10/29/2002 12:20:16
 TMSP Last Update: 09/09/2005 09:35:06
 Staff Id Last Update: ADWORAK
 Release From AST: No
 Release From UST: Yes
 Tank Registration Status Code: F
 VPIC Application Date: Not reported
 VPIC Acres: Not reported
 Facility Addr 2: Not reported
 Leak ID: 15012

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LAKE SALES (Continued)

S105710499

Addr Id: 366109
Township Name: Not reported
Active Flag: Not reported
Country Code: Not reported
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: 66
Interest Type: LS
Interest Phone: Not reported
Interest Start Date: 10/29/02
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Seq Id: Not reported
Leak Action Code: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
Product Recovered Gallons: Not reported
Product Removed Gallons: Not reported
Treated Water Gallons: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Corrective Reason Code: Not reported

LEAK GW INFO:

MN PCA ID: Not reported
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: Not reported
Gw Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

LAKE SALES (Continued)

EDR ID Number
 EPA ID Number

S105710499

PWS Well: Not reported
 Prot Flag: Not reported
 Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 253154
 Prod Released Sequence Id: 32201
 Leak Product Code: Gasoline, Type Unknown
 Tmsp Added: 12/16/2002 15:19:24
 Tmsp Last_updt: 12/16/2002 15:19:24
 Staff Id Last Updt: JMCCANN

**E15
 ESE
 1/8-1/4
 1187 ft.**

**CHURCHILL TRUCK LINES INC
 221 NW 19TH AVE
 FARIBAULT, MN 55021**

**RCRA-SQG 1000627063
 FINDS MND985718758**

Site 1 of 4 in cluster E

**Relative:
 Higher**

RCRAInfo:
 Owner: STEFFEN VERN
 (507) 334-4354

**Actual:
 989 ft.**

EPA ID: MND985718758

Contact: DAVID EDWARDS
 (816) 646-1590

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 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.

**E16
 ESE
 1/8-1/4
 1187 ft.**

**FORMER GRATHEN TRANSFER INC
 221 19TH AVE NW
 FARIBAULT, MN 55021**

**UST U003561614
 N/A**

Site 2 of 4 in cluster E

**Relative:
 Higher**

UST:
 Program Interest Id: 199834
 MPCA Tank Number: 001
 Above/ Under Ground: Under Ground
 Piping Cathodic Protection: None
 Tank Cathodic Protection: Anode
 Tank Stored Product: Gasoline
 Client Tank Number: 001
 AST Base Material: Not reported
 Piping Material: Steel/Iron
 Piping Material Description: Not reported
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Bare/Paint/Asph Coat Steel

**Actual:
 989 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FORMER GRATHEN TRANSFER INC (Continued)

U003561614

Tank Dispenser Code: 1
Tank Status Code: Abandoned
Tank Storage Capacity: 2000
Tank Registration Date: 05/30/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:27
Date Last Updated: 05/04/2002 08:15:20
Staff Id Who Did The Last Update: TANKS
In Compliance: No
Serial Number: Not reported
Address Id: 198526
Fac Address 2: Not reported
Preferred ID: 10800

INSREM:

Program Interest Id: Not reported
INSREM Product: Not reported
INSREM Project #: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported
MPCA Tank Number: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported

TABSITE:

Program Interest Id: 199834
Above Or Underground: Under Ground
Facility Code: 44
Indian Reservation: No
UST Registration Date: 05/30/1986 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:02
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

TANK ACTION:

Program Interest Id: 199834
MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 28030

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FORMER GRATHEN TRANSFER INC (Continued)

U003561614

Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 06/01/1973 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:20
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199834
MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 31983
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 06/01/1973 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:20
Date Last Updated: 05/04/2002 08:15:20
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

Program Interest Id: 199834
MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 2000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:37
Date Last Updated: 05/04/2002 08:15:20
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199834
MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 2000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:57:56
Date Last Updated: 05/04/2002 08:15:20
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 199834
MPCA Tank Number: 002
Above/ Under Ground: Under Ground

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FORMER GRATHEN TRANSFER INC (Continued)

U003561614

Piping Cathodic Protection: None
 Tank Cathodic Protection: Anode
 Tank Stored Product: Gasoline
 Client Tank Number: 002
 AST Base Material: Not reported
 Piping Material: Steel/Iron
 Piping Material Description: Not reported
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Bare/Paint/Asph Coat Steel
 Tank Dispenser Code: 1
Tank Status Code: Abandoned
 Tank Storage Capacity: 2000
 Tank Registration Date: 05/30/1986 00:00:00
 Unregulated Tank Registration Date: Not reported
 Compartmental Tank Flag: Not reported
 Heating Product Flag: Unknown
 Haz Waste Generator Id: Not reported
 Product Replaced Date: Not reported
 Sludge Disposal Facility: Not reported
 Comments: Not reported
 Date Added: 10/10/1999 10:57:12
 Date Last Updated: 05/04/2002 08:15:20
 Staff Id Who Did The Last Update: TANKS
 In Compliance: No
 Serial Number: Not reported
 Address Id: 198526
 Fac Address 2: Not reported
 Preferred ID: 10800

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

E17
ESE
 1/8-1/4
 1187 ft.

MURPHY MOTOR FREIGHT LINES INC
221 19TH AVE NW
FARIBAULT, MN 55021

UST U003907362
N/A

Site 3 of 4 in cluster E

Relative:
Higher

UST:
 Program Interest Id: 198226
 MPCA Tank Number: 002
 Above/ Under Ground: Under Ground
 Piping Cathodic Protection: None
 Tank Cathodic Protection: Anode
 Tank Stored Product: Gasoline
 Client Tank Number: 002
 AST Base Material: Not reported
 Piping Material: Galvanized steel
 Piping Material Description: Not reported
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Bare/Paint/Asph Coat Steel
 Tank Dispenser Code: 1
Tank Status Code: Removed
 Tank Storage Capacity: 1000
 Tank Registration Date: 04/08/1986 00:00:00
 Unregulated Tank Registration Date: Not reported

Actual:
989 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MURPHY MOTOR FREIGHT LINES INC (Continued)

U003907362

Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:26
Date Last Updated: 05/04/2002 08:09:51
Staff Id Who Did The Last Update: TANKS
In Compliance: Yes
Serial Number: Not reported
Address Id: 198526
Fac Address 2: Not reported
Preferred ID: 8997

INSREM:

Program Interest Id: Not reported
INSREM Product: Not reported
INSREM Project #: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported
MPCA Tank Number: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported

TABSITE:

Program Interest Id: 198226
Above Or Underground: Under Ground
Facility Code: 44
Indian Reservation: No
UST Registration Date: 04/08/1986 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:02
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

TANK ACTION:

Program Interest Id: 198226
MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 29950
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1963 00:00:00
Action Date Unknown: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MURPHY MOTOR FREIGHT LINES INC (Continued)

U003907362

Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:02
Date Last Updated: 05/04/2002 08:09:51
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198226
MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 27974
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1963 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:02
Date Last Updated: 05/04/2002 08:09:51
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

Program Interest Id: 198226
MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 1000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:16
Date Last Updated: 05/04/2002 08:09:51
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198226
MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 1000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:57:56
Date Last Updated: 05/04/2002 08:09:51
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198226
MPCA Tank Number: 001
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: Anode
Tank Stored Product: Gasoline
Client Tank Number: 001
AST Base Material: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MURPHY MOTOR FREIGHT LINES INC (Continued)

U003907362

Piping Material: Galvanized steel
 Piping Material Description: Not reported
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Bare/Paint/Asph Coat Steel
 Tank Dispenser Code: 1
Tank Status Code: Removed
 Tank Storage Capacity: 1000
 Tank Registration Date: 04/08/1986 00:00:00
 Unregulated Tank Registration Date: Not reported
 Compartmental Tank Flag: Not reported
 Heating Product Flag: Unknown
 Haz Waste Generator Id: Not reported
 Product Replaced Date: Not reported
 Sludge Disposal Facility: Not reported
 Comments: Not reported
 Date Added: 10/10/1999 10:56:49
 Date Last Updated: 05/04/2002 08:09:51
 Staff Id Who Did The Last Update: TANKS
 In Compliance: Yes
 Serial Number: Not reported
 Address Id: 198526
 Fac Address 2: Not reported
 Preferred ID: 8997

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

E18
ESE
1/8-1/4
1195 ft.

FORMER MURPHY MOTOR FREIGHT
221 19TH AVE NW
FARIBAULT, MN 55021

LUST S106814963
N/A

Site 4 of 4 in cluster E

Relative:
Higher

LUST:

Actual:
989 ft.

MN PCA ID: 307133
 Leak Site: Leak Site - Tank and Petroleum Contamination
 File Archive Box: Not reported
 File Archive Lot: Not reported
 Soil Digout Date: Not reported
 Cubic Yards Excavated: Not reported
 Cond Closure Date: Not reported
Complete Site Closure Date: 03/02/2005 00:00:00
 Contaminated Soils Remaining: Unknown
 Enforcement Action Begin Date: Not reported
 Lust Trust Eligible: No
 Offsite Contamination: Unknown
 Reimbursement Awarded: No
 Release Discovered Date: 12/17/2004 00:00:00
 Leak Reported Date: 12/17/2004 00:00:00
 Std Letter Response Date: Not reported
 Surface Water Impact: Unknown
 Utility Project Flag: No
 TMSP Added: 01/03/2005 14:30:39
 TMSP Last Update: 06/13/2005 16:51:38
 Staff Id Last Update: KSERIER
 Release From AST: No
 Release From UST: Yes

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FORMER MURPHY MOTOR FREIGHT (Continued)

S106814963

Tank Registration Status Code: F
VPIC Application Date: Not reported
VPIC Acres: Not reported
Facility Addr 2: Not reported
Leak ID: 15961
Addr Id: 198526
Township Name: Not reported
Active Flag: Not reported
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: 66
Interest Type: LS
Interest Phone: Not reported
Interest Start Date: 01/03/05
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Seq Id: Not reported
Leak Action Code: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
Product Recovered Gallons: Not reported
Product Removed Gallons: Not reported
Treated Water Gallons: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Corrective Reason Code: Not reported

LEAK GW INFO:

MN PCA ID: 307133
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: Yes
Gw Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 03/02/2005 10:53:37
TMSP Last Update: 03/02/2005 10:53:37
Staff Id Last Update: JMCCANN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER MURPHY MOTOR FREIGHT (Continued)

S106814963

Mtbe High Ug Per Liter Char: Not reported
 Mtbe High Ug Per Liter Numb: Not reported
 Mtbe High Level Date: Not reported
 Free Product At Close: Not reported
 Staff Id Ass: 81
 PWS Well: Not reported
 Prot Flag: Not reported
 Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 307133
 Prod Released Sequence Id: 48162
 Leak Product Code: Gasoline, Type Unknown
 Tmsp Added: 01/03/2005 14:30:39
 Tmsp Last_updt: 01/03/2005 14:30:39
 Staff Id Last Updt: SLARSEN

**19
 SSW
 1/8-1/4
 1268 ft.**

**WAL MART NO 1657
 150 WESTERN AVE
 FARIBAULT, MN 55021**

**RCRA-SQG 1004736375
 FINDS MNR000020131**

**Relative:
 Higher**

RCRAInfo:
 Owner: WAL MART STORES INC
 (501) 273-1949
 EPA ID: MNR000020131
 Contact: TERRI GANRUDE
 (507) 332-0232

**Actual:
 989 ft.**

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 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.

**20
 SSW
 1/4-1/2
 1881 ft.**

**SKLUZACEK OIL CO
 300 WESTERN AVE
 FARIBAULT, MN 55021**

**LUST U003083746
 UST N/A**

**Relative:
 Higher**

LUST:
 MN PCA ID: 235161
 Leak Site: Both Leak and Property Transfer Site
 File Archive Box: Not reported
 File Archive Lot: Not reported
 Soil Digout Date: Not reported
 Cubic Yards Excavated: Not reported
 Cond Closure Date: Not reported
Complete Site Closure Date: Not reported
 Contaminated Soils Remaining: Unknown
 Enforcement Action Begin Date: 06/04/2002 00:00:00

**Actual:
 990 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Lust Trust Eligible: No
Offsite Contamination: Unknown
Reimbursement Awarded: No
Release Discovered Date: 05/02/2002 00:00:00
Leak Reported Date: 05/02/2002 00:00:00
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 05/29/2002 16:07:01
TMSP Last Update: 05/10/2006 16:12:22
Staff Id Last Update: MKOPLIT
Release From AST: No
Release From UST: Yes
Tank Registration Status Code: F
VPIC Application Date: Not reported
VPIC Acres: 1.7
Facility Addr 2: Not reported
Leak ID: 14750
Addr Id: 197124
Township Name: Not reported
Active Flag: Not reported
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: 66
Interest Type: LS
Interest Phone: Not reported
Interest Start Date: 05/29/02
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: File for Leak 508 located with this file.

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Seq Id: Not reported
Leak Action Code: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
Product Recovered Gallons: Not reported
Product Removed Gallons: Not reported
Treated Water Gallons: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Corrective Reason Code: Not reported

LEAK GW INFO:

MN PCA ID: 235161
Dw Supply Contam: Not reported
Free Product Observed: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Free Product Thickness: Not reported
Ground Water Contam: Not reported
Gw Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 05/29/2002 16:07:01
TMSP Last Update: 11/04/2003 12:57:09
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: Not reported
Prod Released Sequence Id: Not reported
Leak Product Code: Not reported
Tmsp Added: Not reported
Tmsp Last_updt: Not reported
Staff Id Last Updt: Not reported

UST:

Program Interest Id: 198401
MPCA Tank Number: 009
Above/ Under Ground: Under Ground
Piping Cathodic Protection: Anode
Tank Cathodic Protection: Anode
Tank Stored Product: Gasoline
Client Tank Number: 009
AST Base Material: Not reported
Piping Material: Coated Steel
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: STI-P3
Tank Dispenser Code: 1
Tank Status Code: Active
Tank Storage Capacity: 12000
Tank Registration Date: 05/30/1988 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:26
Date Last Updated: 05/04/2002 08:10:27

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Staff Id Who Did The Last Update: TANKS
In Compliance: No
Serial Number: Not reported
Address Id: 197124
Fac Address 2: Not reported
Preferred ID: 9178

INSREM:

Program Interest Id: 198401
INSREM Product: 205806
INSREM Project #: 1
INSREM Product: Used Or Waste Oil
INSREM Product Description: WASTE OIL
INSREM Action ID: 377663
INSREM Action: Remove Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:50
Date Last Updated: 05/04/2002 08:10:27
MPCA Tank Number: 010
Tank Construction Material Code: 6
Piping Material: 1
Piping Material Desc: STEEL/IRON
Total Tank Capacity Quantity: 550
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
INSREM Product: 205806
INSREM Project #: 1
INSREM Product: Gasoline
INSREM Product Description: GASOLINE
INSREM Action ID: 377664
INSREM Action: Remove Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:50
Date Last Updated: 05/04/2002 08:10:27
MPCA Tank Number: 009
Tank Construction Material Code: 6
Piping Material: 11
Piping Material Desc: COATED STEEL
Total Tank Capacity Quantity: 12000
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
INSREM Product: 205806
INSREM Project #: 1
INSREM Product: Gasoline
INSREM Product Description: GASOLINE
INSREM Action ID: 377665
INSREM Action: Remove Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:50
Date Last Updated: 05/04/2002 08:10:27
MPCA Tank Number: 008
Tank Construction Material Code: 6
Piping Material: 11
Piping Material Desc: COATED STEEL
Total Tank Capacity Quantity: 10000
Staff Id Who Did The Last Update: TANKS

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SKLUZACEK OIL CO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U003083746

Program Interest Id: 198401
INSREM Product: 205806
INSREM Project #: 1
INSREM Product: Gasoline
INSREM Product Description: GASOLINE
INSREM Action ID: 377666
INSREM Action: Remove Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:50
Date Last Updated: 05/04/2002 08:10:27
MPCA Tank Number: 007
Tank Construction Material Code: 6
Piping Material: 11
Piping Material Desc: COATED STEEL
Total Tank Capacity Quantity: 10000
Staff Id Who Did The Last Update: TANKS

TABSITE:

Program Interest Id: 198401
Above Or Underground: Under Ground
Facility Code: 34
Indian Reservation: No
UST Registration Date: 05/22/1986 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:02
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

TANK ACTION:

Program Interest Id: 198401
MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 32594
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1974 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:25
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 31935
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1975 00:00:00
Action Date Unknown: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:25
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 29956
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1975 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:25
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 004
Above Or Underground: Under Ground
Tank Action ID: 30625
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1974 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:25
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 005
Above Or Underground: Under Ground
Tank Action ID: 29299
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1974 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:25
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 006
Above Or Underground: Under Ground
Tank Action ID: 30625
Contractor Number: Not reported
Supervisor Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Tank Action: Install Tank
Action Date: 01/01/1974 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:25
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 007
Above Or Underground: Under Ground
Tank Action ID: 29299
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:25
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 008
Above Or Underground: Under Ground
Tank Action ID: 30625
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 05/30/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:25
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 009
Above Or Underground: Under Ground
Tank Action ID: 27980
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 05/30/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:25
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:
Program Interest Id: 198401
MPCA Tank Number: 005

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 10000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:09
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 007
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 10000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:09
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 003
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 6000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:16
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 004
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 8000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:23
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 006
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 550

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:23
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 008
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 10000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:23
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 6000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:37
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 24
Tank Stored Product Desc: WASTE OIL
Compartment Cap: 550
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:44
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198401
MPCA Tank Number: 009
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 12000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:57:56
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Program Interest Id: 198401
MPCA Tank Number: 005
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: Anode
Tank Stored Product: Gasoline
Client Tank Number: 005
AST Base Material: Not reported
Piping Material: Galvanized steel
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 1
Tank Status Code: Removed
Tank Storage Capacity: 10000
Tank Registration Date: 05/22/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:41
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS
In Compliance: Yes
Serial Number: Not reported
Address Id: 197124
Fac Address 2: Not reported
Preferred ID: 9178

Program Interest Id: 198401
MPCA Tank Number: 007
Above/ Under Ground: Under Ground
Piping Cathodic Protection: Anode
Tank Cathodic Protection: Anode
Tank Stored Product: Gasoline
Client Tank Number: 007
AST Base Material: Not reported
Piping Material: Coated Steel
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: STI-P3
Tank Dispenser Code: 1
Tank Status Code: Active
Tank Storage Capacity: 10000
Tank Registration Date: 05/22/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Date Added: 10/10/1999 10:56:41
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS
In Compliance: No
Serial Number: Not reported
Address Id: 197124
Fac Address 2: Not reported
Preferred ID: 9178

Program Interest Id: 198401
MPCA Tank Number: 003
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: Anode
Tank Stored Product: Gasoline
Client Tank Number: 003
AST Base Material: Not reported
Piping Material: Galvanized steel
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 1

Tank Status Code: Removed
Tank Storage Capacity: 6000
Tank Registration Date: 05/22/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:49
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS
In Compliance: Yes
Serial Number: Not reported
Address Id: 197124
Fac Address 2: Not reported
Preferred ID: 9178

Program Interest Id: 198401
MPCA Tank Number: 004
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: Anode
Tank Stored Product: Gasoline
Client Tank Number: 004
AST Base Material: Not reported
Piping Material: Galvanized steel
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 1
Tank Status Code: Removed

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Tank Storage Capacity: 8000
Tank Registration Date: 05/22/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:56
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS
In Compliance: Yes
Serial Number: Not reported
Address Id: 197124
Fac Address 2: Not reported
Preferred ID: 9178

Program Interest Id: 198401
MPCA Tank Number: 006
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: Anode
Tank Stored Product: Fuel Oil
Client Tank Number: 006
AST Base Material: Not reported
Piping Material: Galvanized steel
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 2
Tank Status Code: Removed
Tank Storage Capacity: 550
Tank Registration Date: 05/22/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Yes
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:56
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS
In Compliance: Yes
Serial Number: Not reported
Address Id: 197124
Fac Address 2: Not reported
Preferred ID: 9178

Program Interest Id: 198401
MPCA Tank Number: 008
Above/ Under Ground: Under Ground
Piping Cathodic Protection: Anode
Tank Cathodic Protection: Anode
Tank Stored Product: Gasoline

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Client Tank Number: 008
AST Base Material: Not reported
Piping Material: Coated Steel
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: STI-P3
Tank Dispenser Code: 1
Tank Status Code: Active
Tank Storage Capacity: 10000
Tank Registration Date: 05/30/1988 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:56
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS
In Compliance: No
Serial Number: Not reported
Address Id: 197124
Fac Address 2: Not reported
Preferred ID: 9178

Program Interest Id: 198401
MPCA Tank Number: 002
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: Anode
Tank Stored Product: Gasoline
Client Tank Number: 002
AST Base Material: Not reported
Piping Material: Galvanized steel
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 1
Tank Status Code: Removed
Tank Storage Capacity: 6000
Tank Registration Date: 05/22/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:11
Date Last Updated: 05/04/2002 08:10:27
Staff Id Who Did The Last Update: TANKS
In Compliance: Yes
Serial Number: Not reported
Address Id: 197124

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SKLUZACEK OIL CO (Continued)

U003083746

Fac Address 2: Not reported
 Preferred ID: 9178

 Program Interest Id: 198401
 MPCA Tank Number: 001
 Above/ Under Ground: Under Ground
 Piping Cathodic Protection: None
 Tank Cathodic Protection: Anode
 Tank Stored Product: Used Or Waste Oil
 Client Tank Number: 001
 AST Base Material: Not reported
 Piping Material: Galvanized steel
 Piping Material Description: Not reported
 Second Contain Tank: Not reported
 Second Contain Pipe: Not reported
 Tank Construction Material: Bare/Paint/Asph Coat Steel
 Tank Dispenser Code: 2
Tank Status Code: Removed
 Tank Storage Capacity: 550
 Tank Registration Date: 05/22/1986 00:00:00
 Unregulated Tank Registration Date: Not reported
 Compartmental Tank Flag: Not reported
 Heating Product Flag: Unknown
 Haz Waste Generator Id: Not reported
 Product Replaced Date: Not reported
 Sludge Disposal Facility: Not reported
 Comments: Not reported
 Date Added: 10/10/1999 10:57:19
 Date Last Updated: 05/04/2002 08:10:27
 Staff Id Who Did The Last Update: TANKS
 In Compliance: Yes
 Serial Number: Not reported
 Address Id: 197124
 Fac Address 2: Not reported
 Preferred ID: 9178

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

F21
East
1/4-1/2
1962 ft.

FARIBAULT TIRE & AUTO
1723 GRANT ST
FARIBAULT, MN 55021

LUST U000883639
UST N/A

Site 1 of 3 in cluster F

Relative:
Higher

LUST:
 MN PCA ID: 216803
 Leak Site: Leak Site - Tank and Petroleum Contamination
 File Archive Box: 02
 File Archive Lot: 95/128
 Soil Digout Date: 05/30/1991 00:00:00
 Cubic Yards Excavated: 1
 Cond Closure Date: Not reported
Complete Site Closure Date: 08/13/1991 00:00:00
 Contaminated Soils Remaining: No
 Enforcement Action Begin Date: 06/12/1991 00:00:00
 Lust Trust Eligible: No
 Offsite Contamination: No

Actual:
983 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FARIBAULT TIRE & AUTO (Continued)

U000883639

Reimbursement Awarded: No
Release Discovered Date: 05/29/1991 00:00:00
Leak Reported Date: 05/30/1991 00:00:00
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:45
TMSP Last Update: 05/04/2002 09:13:19
Staff Id Last Update: TANKS
Release From AST: No
Release From UST: Yes
Tank Registration Status Code: N
VPIC Application Date: Not reported
VPIC Acres: Not reported
Facility Addr 2: Not reported
Leak ID: 4075
Addr Id: 201507
Township Name: Not reported
Active Flag: Not reported
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: 66
Interest Type: LS
Interest Phone: 5073342061
Interest Start Date: 08/19/92
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Seq Id: Not reported
Leak Action Code: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
Product Recovered Gallons: Not reported
Product Removed Gallons: Not reported
Treated Water Gallons: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Corrective Reason Code: Not reported

LEAK GW INFO:

MN PCA ID: 216803
Dw Supply Contam: Not reported
Free Product Observed: No
Free Product Thickness: Not reported
Ground Water Contam: No

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FARIBAULT TIRE & AUTO (Continued)

U000883639

Gw Cleanup Goal: 0
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 12/04/1999 14:07:29
TMSP Last Update: 11/04/2003 12:57:07
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 216803
Prod Released Sequence Id: 403079
Leak Product Code: Hydraulic Fluid
Tmsp Added: 12/27/1999 12:59:08
Tmsp Last_updt: 05/04/2002 09:13:19
Staff Id Last Updt: TANKS

UST:

Program Interest Id: 202881
MPCA Tank Number: 001
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: None
Tank Stored Product: Used Or Waste Oil
Client Tank Number: 001
AST Base Material: Not reported
Piping Material: Steel/Iron
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 3
Tank Status Code: Removed
Tank Storage Capacity: 550
Tank Registration Date: 10/22/1990 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:13
Date Last Updated: 05/04/2002 08:25:41
Staff Id Who Did The Last Update: TANKS
In Compliance: No

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FARIBAULT TIRE & AUTO (Continued)

EDR ID Number
EPA ID Number

Database(s)

U000883639

Serial Number: Not reported
Address Id: 201507
Fac Address 2: Not reported
Preferred ID: 14209

INSREM:
Program Interest Id: Not reported
INSREM Product: Not reported
INSREM Project #: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported
MPCA Tank Number: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported

TABSITE:
Program Interest Id: 202881
Above Or Underground: Under Ground
Facility Code: 31
Indian Reservation: No
UST Registration Date: 10/22/1990 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:03
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

TANK ACTION:
Program Interest Id: 202881
MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 85147
Contractor Number: 590
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 10/18/1990 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:30:50
Date Last Updated: 05/04/2002 08:25:41
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 202881
MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 84269

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FARIBAULT TIRE & AUTO (Continued)

U000883639

Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 08/01/1978 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:23
Date Last Updated: 05/04/2002 08:25:41
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

Program Interest Id: 202881
MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 24
Tank Stored Product Desc: WASTE OIL
Compartment Cap: 550
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:38
Date Last Updated: 05/04/2002 08:25:41
Staff Id Who Did The Last Update: TANKS

22
NNW
1/4-1/2
2024 ft.

LACANNE'S MARINE
19860 ROBERD'S LAKE BLVD
FARIBAULT, MN 55021

LUST S106552229
N/A

Relative:
Lower

LUST:

Actual:
980 ft.

MN PCA ID: 231025
Leak Site: Municipal well containment possible , likely tank site
File Archive Box: Not reported
File Archive Lot: Not reported
Soil Digout Date: Not reported
Cubic Yards Excavated: Not reported
Cond Closure Date: Not reported
Complete Site Closure Date: Not reported
Contaminated Soils Remaining: Unknown
Enforcement Action Begin Date: Not reported
Lust Trust Eligible: No
Offsite Contamination: Unknown
Reimbursement Awarded: No
Release Discovered Date: Not reported
Leak Reported Date: 07/01/2000 00:00:00
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 06/05/2001 17:27:24
TMSP Last Update: 03/13/2006 15:14:07
Staff Id Last Update: RGORNEY
Release From AST: No
Release From UST: No
Tank Registration Status Code: U
VPIC Application Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LACANNE'S MARINE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S106552229

VPIC Acres: Not reported
Facility Addr 2: Not reported
Leak ID: 14166
Addr Id: 293364
Township Name: Not reported
Active Flag: Not reported
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: 66
Interest Type: LS
Interest Phone: Not reported
Interest Start Date: 06/05/01
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Impacted public water supply well site.\n NOTE: Spill site #51925

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Seq Id: Not reported
Leak Action Code: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
Product Recovered Gallons: Not reported
Product Removed Gallons: Not reported
Treated Water Gallons: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Corrective Reason Code: Not reported

LEAK GW INFO:

MN PCA ID: 231025
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: Not reported
Gw Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 06/05/2001 17:27:24
TMSP Last Update: 11/04/2003 12:57:09
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

LACANNE'S MARINE (Continued)

S106552229

Mtbe High Level Date: Not reported
 Free Product At Close: Not reported
 Staff Id Ass: Not reported
 PWS Well: Not reported
 Prot Flag: Not reported
 Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: Not reported
 Prod Released Sequence Id: Not reported
 Leak Product Code: Not reported
 Tmsp Added: Not reported
 Tmsp Last_updt: Not reported
 Staff Id Last Updt: Not reported

F23
East
1/4-1/2
2061 ft.

RIVER VALLEY TRUCK CENTER
1701 GRANT ST NW
FARIBAULT, MN 55021

LUST S107846604
N/A

Site 2 of 3 in cluster F

Relative:
Higher

LUST:

Actual:
983 ft.

MN PCA ID: 359635
 Leak Site: Leak Site - Tank and Petroleum Contamination
 File Archive Box: Not reported
 File Archive Lot: Not reported
 Soil Digout Date: Not reported
 Cubic Yards Excavated: Not reported
 Cond Closure Date: Not reported
Complete Site Closure Date: Not reported
 Contaminated Soils Remaining: Unknown
 Enforcement Action Begin Date: 05/04/2006 00:00:00
 Lust Trust Eligible: No
 Offsite Contamination: Unknown
 Reimbursement Awarded: No
 Release Discovered Date: 04/19/2006 00:00:00
 Leak Reported Date: 04/19/2006 00:00:00
 Std Letter Response Date: Not reported
 Surface Water Impact: Unknown
 Utility Project Flag: No
 TMSP Added: 04/24/2006 13:05:20
 TMSP Last Update: 05/03/2006 15:33:10
 Staff Id Last Update: ASANDBE
 Release From AST: No
 Release From UST: Yes
 Tank Registration Status Code: F
 VPIC Application Date: Not reported
 VPIC Acres: Not reported
 Facility Addr 2: Not reported
 Leak ID: 16433
 Addr Id: 74588
 Township Name: Not reported
 Active Flag: Yes
 Country Code: USA
 Foreign State: Not reported
 Foreign Zone: Not reported
 State County Code: 66
 Interest Type: LS

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RIVER VALLEY TRUCK CENTER (Continued)

S107846604

Interest Phone: NO CORE PI PH.
Interest Start Date: 04/24/06
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Seq Id: Not reported
Leak Action Code: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
Product Recovered Gallons: Not reported
Product Removed Gallons: Not reported
Treated Water Gallons: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Corrective Reason Code: Not reported

LEAK GW INFO:

MN PCA ID: Not reported
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: Not reported
Gw Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: Not reported
Prod Released Sequence Id: Not reported
Leak Product Code: Not reported
Tmsp Added: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

RIVER VALLEY TRUCK CENTER (Continued)

S107846604

Tmstp Last_updt: Not reported
 Staff Id Last Updt: Not reported

F24
East
1/4-1/2
2061 ft.

ALDI'S SITE (FARIBAULT)
1701 GRANT STREET NW
FARIBAULT, MN 55021

MN VIC S107926386
N/A

Site 3 of 3 in cluster F

Relative:
Higher

MN Voluntary Investigation Cleanup Program:

Actual:
983 ft.

Facility ID: VP22050
 Facility Address 2: Not reported
 Link Id: Not reported
 Facility Type: Other
 Active: Yes
 Pay Complete: No
 MPCA Region: Rochester
 Size Acres: 2
 HRS Score: Not reported
 Enforcement Lead Agency: MPCA
 Federal Defferal Plot: No
 Emergency: No
 Site Classification: No
 RD/RA: No
 RL/FS: No
 Fund financed: No
 Npl: No
 Plp: No
 District: South
 Program Reffered from: Not reported
 Program Interest: VIC
 Physical Location: Incl. 3 separate addresses (1701 Grant St., 310 NW Park Ave & 256 NW Park Ave) and a total of 5 parcels
 Natural Source damage: No
 Clean up Cost: Not reported
 Indian Reservation: No
 Reservation Name: Not reported
 MPCA Owned Wells at site: No
 Created By: Pjensen
 Date Created: 5/23/2006
 Date Last Updated: 6/9/2006
 Federal Facility: No
 Primary Funding Source: Not reported
 EPA Id: Not reported
 MPCA Id: Not reported
 Alpha Sort: Not reported
 Legal Distt: Not reported
 Congressional Dist: Not reported
 Scale Of Map Used Pls Loc Data: N
 Township: 110
 Range: 21
 Range East West: W
 Section: 36
 Pls Qtr Section (160 Acres): NE
 Pls Qtr Qtr Section (40 Acres): SW
 Pls Qtr-Qtr-Qtr Section (10 Acres): Not reported
 Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres): Not reported
 Quad: 1458
 NAD Number: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ALDI'S SITE (FARIBAULT) (Continued)

S107926386

Desc Of UTM Coord Pt: Main Building
 UTM Coord Pt Data Source: 4
 Org Providing The UTM Coord Point Data: Environmental Data Resources,
 Method For Loc Public Land Survey: A1
 Method Of Utm Coord Pt Data Collection: A1
 Date Of Utm Coord Pt Data Collection: 11/1/2005
 COL Date Qual: Not reported
 Map Scale: N
 Verification Method: Not reported
 horizref: Not reported
 Utm Source: Not reported
 Utm Method: Not reported
 Utm Scale: Not reported
 Utm Accuracy: Not reported
 Utm East: 476592.8
 Utm North: 4904364
 Utm Zone: 15
 Basin Code: 5
 Major Watershed: 39
 Major Watershed: 39089
 Method For Loc Public Land Survey: Not reported
 Scale Of Map Used Pls Loc Data: Not reported
 Township 2: Not reported
 Range 2: Not reported
 Range East West: Not reported
 Section 2: Not reported
 Pls Qtr Section (160 Acres) 2: Not reported
 Pls Qtr Qtr Section (40 Acres)2: Not reported
 Pls Qtr Qtr Qtr Section (10 Acres)2: Not reported
 Pls Qtr Qtr Qtr Qtr Section (2.5 Acres) 2: Not reported
 Quad 2: Not reported
 File Location: Regional Office
 Contact Type: Staff PL/PM (Project Leader/Project Manager)s
 Company Name: MPCA
 Contact Address: 18 Wood Lake Drive SE
 Contact Address 2: None
 Contact City,St,Zip: Rochester, MN 55904
 Contact Province: Not reported
 Contact Country: Not reported
 Contact Postal code: Not reported
 Contact Phone: 5072802971
 Contact Phone Ext: Not reported
 Contact Fax: 5072805513
 Contact E-mail: edward.olson@pca.state.mn.us
 Contact Cell Phone: Not reported
 Contact Information Last Updated: 5/23/2006
 Misc Contact Info: Not reported

 Contact Type: Staff TA (Technical Analyst)
 Company Name: MPCA
 Contact Address: 520 Lafayette Road North
 Contact Address 2: None
 Contact City,St,Zip: St. Paul, MN 551554194
 Contact Province: Not reported
 Contact Country: Not reported
 Contact Postal code: Not reported
 Contact Phone: 6512966630

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ALDI'S SITE (FARIBAULT) (Continued)

S107926386

Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: dave.scheer@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 5/23/2006
Misc Contact Info: Not reported

Contact Type: Voluntary Party
Company Name: Steffens Investment
Contact Address: 22761 Dodge Ct.
Contact Address 2: Not reported
Contact City,St,Zip: Faribault, MN 55021
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 5073341944
Contact Phone Ext: Not reported
Contact Fax: 5073335029
Contact E-mail: Ellievern@aol.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 5/23/2006
Misc Contact Info: Not reported

Contact Type: Consultant
Company Name: AET
Contact Address: 1730 1st Avenue
Contact Address 2: None
Contact City,St,Zip: Mankato, MN 56001
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 5073872222
Contact Phone Ext: Not reported
Contact Fax: 5073876999
Contact E-mail: jarcher@amengtest.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 5/23/2006
Misc Contact Info: Not reported

Contact Type: Legal Counsel
Company Name: Keith R. Nelson
Contact Address: 205 Westera Avenue
Contact Address 2: Not reported
Contact City,St,Zip: Faribault, MN 55021
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 5073343400
Contact Phone Ext: Not reported
Contact Fax: 5073340045
Contact E-mail: mnrnmde@means.net
Contact Cell Phone: Not reported
Contact Information Last Updated: 5/23/2006
Misc Contact Info: Not reported

Contaminant Id: 74-87-3
Contaminated Media: Ground Water

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ALDI'S SITE (FARIBAULT) (Continued)

EDR ID Number
EPA ID Number

Database(s)

S107926386

Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Other
Max Residual Contamination: 7.9
Date Info Last Updated: 6/13/2006

Contaminant Id: 79-01-6
Contaminated Media: Ground Water
Req Cleanup Concluded: 30
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 48
Date Info Last Updated: 6/13/2006

Contaminant Id: WI-DRO
Contaminated Media: Ground Water
Req Cleanup Concluded: 200
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HBV (Health Based Value)
Max Residual Contamination: 780
Date Info Last Updated: 6/13/2006

Contaminant Id: 7440-38-2
Contaminated Media: Soil
Req Cleanup Concluded: 10
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: SRV (Soil Reference Value)
Max Residual Contamination: 8.3
Date Info Last Updated: 6/13/2006

Facid: VP22050
Event: VIC Program Participation Dates (Start/End)
Additional Information: None Entered
Start Date: 5/23/2006
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 5/23/2006
Record Number: 25214

Facid: VP22050
Event: Phase I Investigation
Additional Information: for Michael Eggert, Aldi, Inc.
Start Date: 11/1/2005
End Date: 12/20/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 6/9/2006
Record Number: 25341

Facid: VP22050
Event: Phase II Investigation
Additional Information: for Vern Steffens by AET
Start Date: 3/29/2006
End Date: 5/2/2006
Planned Start Date: Not reported
Planned End Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ALDI'S SITE (FARIBAULT) (Continued)

S107926386

Date Info Last Updated: 6/9/2006
 Record Number: 25342

Facid:	Not reported
GW Receipts Prot by Rem Actn:	Not reported
Ecological receptors present:	Not reported
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	Not reported
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	Not reported
Assurance help:	Not reported
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	Not reported
Restrictive Covenant Present:	Not reported
GW Pump and Treat Used at site:	Not reported
Quaternary Perched:	Not reported
Quaternary Water Table:	Not reported
Quaternary Confined:	Not reported
Cretaceous:	Not reported
Plattville:	Not reported
St. peter:	Not reported
Prairie Duchien:	Not reported
Jordan:	Not reported
Ironton/Galesville:	Not reported
Mt Simon Hinckley:	Not reported
Precambrian Undifferentiated:	Not reported
Other/Unknown Aquifer:	Not reported
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported

Misc. Notes: Not reported
 Notes: Orig Applic for Mr. Steffens, owner, to get an OFF-Site Source determination, and Revised Applic for additional Retro NAD. Aldi's the prospective buyer. The proposed IR is low level TCE in GW (48 ug/L). Also entering PBP (Leak #16433). Release hasbeen reported.
 Restrictions: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ALDI'S SITE (FARIBAULT) (Continued)

S107926386

SW Comments: Not reported

25
ESE
1/4-1/2
2165 ft.

CROWN CORK & SEAL CO INC
1701 NW 4TH ST
FARIBAULT, MN 55021

LUST **U003907366**
MN Spills **N/A**
UST

Relative:
Higher

LUST:

Actual:
989 ft.

MN PCA ID: 218801
 Leak Site: Leak Site - Tank and Petroleum Contamination
 File Archive Box: 08
 File Archive Lot: 96/307
 Soil Digout Date: 03/12/1993 00:00:00
 Cubic Yards Excavated: 93
 Cond Closure Date: Not reported
Complete Site Closure Date: 04/13/1994 00:00:00
 Contaminated Soils Remaining: Yes
 Enforcement Action Begin Date: 03/23/1993 00:00:00
 Lust Trust Eligible: Yes
 Offsite Contamination: Unknown
 Reimbursement Awarded: No
 Release Discovered Date: 03/11/1993 00:00:00
 Leak Reported Date: 03/12/1993 00:00:00
 Std Letter Response Date: Not reported
 Surface Water Impact: Unknown
 Utility Project Flag: No
 TMSP Added: 12/04/1999 14:03:47
 TMSP Last Update: 05/04/2002 09:20:37
 Staff Id Last Update: TANKS
 Release From AST: No
 Release From UST: No
 Tank Registration Status Code: F
 VPIC Application Date: Not reported
 VPIC Acres: Not reported
 Facility Addr 2: Not reported
 Leak ID: 6156
 Addr Id: 265838
 Township Name: Not reported
 Active Flag: Not reported
 Country Code: USA
 Foreign State: Not reported
 Foreign Zone: Not reported
 State County Code: 66
 Interest Type: LS
 Interest Phone: 5073343981
 Interest Start Date: 06/20/96
 Interest End Date: Not reported
 Vapor Intrusion Checked Flag: Not reported
 Soil Gas Data Collected Flag: Not reported
 Soil Gas Action Level Flag: Not reported
 Sub Slab Sample Collected Flag: Not reported
 Indoor Air Collected Flag: Not reported
 Vapor Intrusion Action Flag: Not reported
 Vapor Intrusion Comments: Not reported
 Soil Gas Data Comments: Not reported
 Comments: Not reported

LEAK CLEANUP ACTIONS:

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CROWN CORK & SEAL CO INC (Continued)

U003907366

MN PCA ID:	Not reported
Leak Action Seq Id:	Not reported
Leak Action Code:	Not reported
Leak Action Approval Date:	Not reported
Leak Action Begin Date:	Not reported
Leak Action End Date:	Not reported
Product Recovered Gallons:	Not reported
Product Removed Gallons:	Not reported
Treated Water Gallons:	Not reported
TMSP Added:	Not reported
TMSP Last Update:	Not reported
Staff Id Last Update:	Not reported
Corrective Reason Code:	Not reported
LEAK GW INFO:	
MN PCA ID:	218801
Dw Supply Contam:	Not reported
Free Product Observed:	Not reported
Free Product Thickness:	Not reported
Ground Water Contam:	Yes
Gw Cleanup Goal:	0
Gw Exceeds Cleanup Goal:	Not reported
Cleanup Goal Achieved:	Not reported
Water Supply Exceeds Ral:	Not reported
Well Type Code:	Not reported
Impacted Aquifer Code:	Not reported
TMSP Added:	12/04/1999 14:07:31
TMSP Last Update:	11/04/2003 12:57:07
Staff Id Last Update:	RSUCHAN
Mtbe Present Now:	Not reported
Mtbe Present Historically:	Not reported
Mtbe High Ug Per Liter Char:	Not reported
Mtbe High Ug Per Liter Numb:	Not reported
Mtbe High Level Date:	Not reported
Free Product At Close:	Not reported
Staff Id Ass:	Not reported
PWS Well:	Not reported
Prot Flag:	Not reported
Sens Flag:	Not reported
LEAK PRODUCT RELEASED:	
MN PCA ID:	218801
Prod Released Sequence Id:	403876
Leak Product Code:	Diesel
Tmsp Added:	12/27/1999 12:59:09
Tmsp Last_updt:	05/04/2002 09:20:37
Staff Id Last Updt:	TANKS
MN SPILL:	
Program Id:	182449
Township Name:	Not reported
Interest Type:	SP
Addr Id:	265838
Interest Phone:	Not reported
Preferred Id:	24973
Interest Start Date:	01/22/97
Interest End Date:	Not reported
Active:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CROWN CORK & SEAL CO INC (Continued)

U003907366

Tmsp Added:	01/22/97
Tmsp Last Updt:	05/04/02
Staff Id Last Updt:	TANKS
fadd2:	Not reported
State County Code:	66
Country Code:	USA
Foreign State:	Not reported
Foreign Zone:	None
Spill Closure Code:	Refer To Air Quality
Sp Rep Code:	Refer To Air Quality
Report Taken By Initials:	3075
Mpca Project Manager Initials:	3075
Spill Site Closure Date:	01/18/1997 00:00:00
Sp Rep Desc:	MARK FITGERALD
Spill Date:	01/17/1997 00:00:00
Spill Reported Date:	01/18/1997 00:00:00
Init Cause Code:	Equipment Failure
Init Cause Desc:	EQUIPMENT FAILURE
Initial Source Code:	6
Priority Code:	3
Archive Lot:	Not reported
Archive Box:	Not reported
Rep Phone:	Not reported
Rep Name:	Not reported
Mpca Involvement:	Not reported
Rpt Taken By Duty Officer:	Not reported
Spill Cause:	Not reported
Product:	Not reported
Spill:	Not reported
Report:	Not reported
Region:	Not reported
Project Mngr:	Not reported
Quantity:	Not reported
Product:	Not reported
Respnbl Party:	Not reported
Box:	Not reported
Public Affected:	Not reported
Closure Date:	Not reported
Cause Code:	Not reported
Date Reported:	Not reported
Location:	Not reported
Product:	Not reported
Amount Spilled:	Not reported
Units:	Not reported
Priority:	Not reported
Spill Date:	Not reported
Spill Date:	Not reported
Action Taken:	Not reported
Reported By:	Not reported
Incident:	Not reported
Respnbl Party:	Not reported
Spill Cause:	Not reported
Action Taken:	Not reported
Comments:	LITHO COATING LINE AND CATALYTIC INCINERATOR THAT BROKE DOWN.\n NEED PERMISSION TO RUN AND BYPASS THE CATALYTIC INCINERATOR.
MN SPILL ACTION:	
Spill Action Code:	3

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CROWN CORK & SEAL CO INC (Continued)

U003907366

Spill Action Person: Not reported
Spill Action Date: Not reported
Tmsp Added: 01/22/1997 13:26:47
Tmsp Last Updt: 05/04/2002 07:17:23
Staff Id Last Updt: TANKS

MN SPILL AFFECTED DESCRIPTION:
Spill Inc. Affect Code: Air
Tmsp Added: 01/22/1997 13:26:47
Tmsp Last Updt: 05/04/2002 07:17:23
Staff Id Last Updt: TANKS

MN SPILL EMERGENCY:
Emergency Id: Not reported
Emergency Code: Not reported
Spill Action Code: Not reported
Tmsp Added: Not reported
Tmsp Last Updt: Not reported
Staff Id Last Updt: Not reported

MN SPILL PREVENTION:
Spill Prevention Code: Not reported
Spill Prevention Date: Not reported
Comments: Not reported
Tmsp Added: Not reported
Tmsp Last Updt: Not reported
Staff Id Last Updt: Not reported

MN SPILL PRODUCT:
Program ID: 182449
Spill Incident Accuracy Id: 76421
Spill Product Code: No Release, But Threat
Spill Qty Units Code: Unknown
Spill Incident Accuracy Code: Unknown
Spill Released Qty: 0
Tmsp Added: 01/22/1997 13:26:47
Tmsp Last Updt: 05/04/2002 07:17:23
Staff Id Last Updt: TANKS

UST:
Program Interest Id: 198350
MPCA Tank Number: 001
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: None
Tank Stored Product: Diesel
Client Tank Number: 001
AST Base Material: Not reported
Piping Material: Steel/Iron
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 2
Tank Status Code: Removed
Tank Storage Capacity: 10000
Tank Registration Date: 04/24/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CROWN CORK & SEAL CO INC (Continued)

U003907366

Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:34
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS
In Compliance: No
Serial Number: Not reported
Address Id: 265838
Fac Address 2: Not reported
Preferred ID: 9124

INSREM:

Program Interest Id: Not reported
INSREM Product: Not reported
INSREM Project #: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported
MPCA Tank Number: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported

TABSITE:

Program Interest Id: 198350
Above Or Underground: Under Ground
Facility Code: 19
Indian Reservation: No
UST Registration Date: 04/24/1986 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:02
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

TANK ACTION:

Program Interest Id: 198350
MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 25018
Contractor Number: 21
Supervisor Number: 1884
Tank Action: Remove Tank
Action Date: 03/11/1993 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CROWN CORK & SEAL CO INC (Continued)

U003907366

Lab Flag: N
Date Added: 05/05/2000 08:30:51
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198350
MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 28867
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1975 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:51
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198350
MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 25288
Contractor Number: 128
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 12/30/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:30:51
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198350
MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 29297
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1976 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:51
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198350
MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 24903
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CROWN CORK & SEAL CO INC (Continued)

U003907366

Action Date: 03/11/1993 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:30:51
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198350
MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 28733
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1976 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:51
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

Program Interest Id: 198350
MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 10
Tank Stored Product Desc: DIESEL
Compartment Cap: 10000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:05
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198350
MPCA Tank Number: 003
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 21
Tank Stored Product Desc: EPOXY-AMINE ENAMEL
Compartment Cap: 8000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:06
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198350
MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 28
Tank Stored Product Desc: Waste solvent (Haz. waste)
Compartment Cap: 8000

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CROWN CORK & SEAL CO INC (Continued)

U003907366

Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:09
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS

Program Interest Id: 198350
MPCA Tank Number: 003
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: None
Tank Stored Product: Other Substance
Client Tank Number: 003
AST Base Material: Not reported
Piping Material: Steel/Iron
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 2
Tank Status Code: Removed
Tank Storage Capacity: 8000
Tank Registration Date: 04/24/1986 00:00:00
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:36
Date Last Updated: 05/04/2002 08:10:17
Staff Id Who Did The Last Update: TANKS
In Compliance: No
Serial Number: Not reported
Address Id: 265838
Fac Address 2: Not reported
Preferred ID: 9124

Program Interest Id: 198350
MPCA Tank Number: 002
Above/ Under Ground: Under Ground
Piping Cathodic Protection: None
Tank Cathodic Protection: None
Tank Stored Product: Unregulated
Client Tank Number: 002
AST Base Material: Not reported
Piping Material: Steel/Iron
Piping Material Description: Not reported
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Dispenser Code: 2
Tank Status Code: Removed
Tank Storage Capacity: 8000
Tank Registration Date: 04/24/1986 00:00:00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CROWN CORK & SEAL CO INC (Continued)

U003907366

Unregulated Tank Registration Date: Not reported
 Compartmental Tank Flag: Not reported
 Heating Product Flag: Unknown
 Haz Waste Generator Id: Not reported
 Product Replaced Date: Not reported
 Sludge Disposal Facility: Not reported
 Comments: Not reported
 Date Added: 10/10/1999 10:56:41
 Date Last Updated: 05/04/2002 08:10:17
 Staff Id Who Did The Last Update: TANKS
 In Compliance: Yes
 Serial Number: Not reported
 Address Id: 265838
 Fac Address 2: Not reported
 Preferred ID: 9124

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

26
East
1/4-1/2
2431 ft.

A & W RESTAURANT
404 WILSON AVENUE
FARIBAULT, MN 55021

MN Spills **S101279412**
MN LS **N/A**
MN VIC

Relative:
Lower

MN SPILL:
 Program Id: 174351
 Township Name: Not reported
 Interest Type: SP
 Addr Id: 242627
 Interest Phone: Not reported
 Preferred Id: 16184
 Interest Start Date: 03/21/96
 Interest End Date: Not reported
 Active: Not reported
 Tmsp Added: 03/21/96
 Tmsp Last Updt: 05/04/02
 Staff Id Last Updt: TANKS
 fadd2: Not reported
 State County Code: 66
 Country Code: USA
 Foreign State: Not reported
 Foreign Zone: Not reported
Spill Closure Code: Not reported
 Sp Rep Code: Not reported
 Report Taken By Initials: 3075
 MPCA Project Manager Initials: 3075
 Spill Site Closure Date: 01/01/1996 00:00:00
 Sp Rep Desc: ROGER SOMMERS
 Spill Date: Not reported
 Spill Reported Date: 05/07/1992 00:00:00
 Init Cause Code: Unknown
 Init Cause Desc: UNKNOWN
 Initial Source Code: Not reported
 Priority Code: 4
 Archive Lot: Not reported
 Archive Box: Not reported
 Rep Phone: Not reported
 Rep Name: Not reported

Actual:
980 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

A & W RESTAURANT (Continued)

S101279412

Mpca Involvement:	Not reported
Rpt Taken By Duty Officer:	Not reported
Spill Cause:	Not reported
Product:	Not reported
Spill:	Not reported
Report:	Not reported
Region:	Not reported
Project Mngr:	Not reported
Quantity:	Not reported
Product:	Not reported
Respnbl Party:	Not reported
Box:	Not reported
Public Affected:	Not reported
Closure Date:	Not reported
Cause Code:	Not reported
Date Reported:	Not reported
Location:	Not reported
Product:	Not reported
Amount Spilled:	Not reported
Units:	Not reported
Priority:	Not reported
Spill Date:	Not reported
Spill Date:	Not reported
Action Taken:	Not reported
Reported By:	Not reported
Incident:	Not reported
Respnbl Party:	Not reported
Spill Cause:	Not reported
Action Taken:	Not reported
Comments:	Not reported
MN SPILL ACTION:	
Spill Action Code:	Not reported
Spill Action Person:	Not reported
Spill Action Date:	Not reported
Tmsp Added:	Not reported
Tmsp Last Updt:	Not reported
Staff Id Last Updt:	Not reported
MN SPILL AFFECTED DESCRIPTION:	
Spill Inc. Affect Code:	Not reported
Tmsp Added:	Not reported
Tmsp Last Updt:	Not reported
Staff Id Last Updt:	Not reported
MN SPILL EMERGENCY:	
Emergency Id:	Not reported
Emergency Code:	Not reported
Spill Action Code:	Not reported
Tmsp Added:	Not reported
Tmsp Last Updt:	Not reported
Staff Id Last Updt:	Not reported
MN SPILL PREVENTION:	
Spill Prevention Code:	Not reported
Spill Prevention Date:	Not reported
Comments:	Not reported
Tmsp Added:	Not reported
Tmsp Last Updt:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

A & W RESTAURANT (Continued)

S101279412

Staff Id Last Updt: Not reported
MN SPILL PRODUCT:
Program ID: 174351
Spill Incident Accuracy Id: 68837
Spill Product Code: Petroleum, Unspecified
Spill Qty Units Code: Unknown
Spill Incident Accuracy Code: Unknown
Spill Released Qty: 0
Tmsp Added: 03/21/1996 00:00:00
Tmsp Last Updt: 05/04/2002 06:52:03
Staff Id Last Updt: TANKS

MN LS:
Link ID: 4143
Facility Name 2: Not reported
EPA ID: Not reported
MPCA ID: VP6280
Method: I1
CERCLIS: No
National Priorities List: No
PLP: No
Voluntary Cleanup & Investigation: Yes
RCRA Treatment Storage & Disposal: No
RCRA Generator: No
Solid Waste Permit: No
Dumps: No
No Further Remedial Action Planned: No
Delisted From PLP By MPCA: No
LCP: No
Brownfield: No
Entity Type: VIC

MN Voluntary Investigation Cleanup Program:
Facility ID: VP6280
Facility Address 2: Not reported
Link Id: 4143
Facility Type: Other
Active: No
Pay Complete: No
MPCA Region: Rochester
Size Acres: 0.71
HRS Score: 0
Enforcement Lead Agency: Not reported
Federal Defferal Plot: No
Emergency: No
Site Classification: No
RD/RA: No
RL/FS: No
Fund financed: No
Npl: No
Plp: No
District: South
Program Referred from: Not reported
Program Interest: VIC
Physical Location: None
Natural Source damage: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

A & W RESTAURANT (Continued)

S101279412

Clean up Cost:	Not reported
Indian Reservation:	No
Reservation Name:	Not reported
MPCA Owned Wells at site:	No
Created By:	Unknown
Date Created:	8/31/1995
Date Last Updated:	5/22/2006
Federal Facility:	No
Primary Funding Source:	Not reported
EPA Id:	Not reported
MPCA Id:	Not reported
Alpha Sort:	Not reported
Legal Distt:	26B
Congressional Dist:	1
Scale Of Map Used Pls Loc Data:	A
Township:	Not reported
Range:	Not reported
Range East West:	W
Section:	Not reported
Pls Qtr Section (160 Acres):	Not reported
Pls Qtr Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres):	Not reported
Quad:	1458
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing The UTM Coord Point Data:	Not reported
Method For Loc Public Land Survey:	M
Method Of Utm Coord Pt Data Collection:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
Verification Method:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	476792.1875
Utm North:	4904642
Utm Zone:	15
Basin Code:	Not reported
Major Watershed:	Not reported
Method For Loc Public Land Survey:	Not reported
Scale Of Map Used Pls Loc Data:	Not reported
Township 2:	Not reported
Range 2:	Not reported
Range East West:	Not reported
Section 2:	Not reported
Pls Qtr Section (160 Acres) 2:	Not reported
Pls Qtr Qtr Section (40 Acres)2:	Not reported
Pls Qtr Qtr Qtr Section (10 Acres)2:	Not reported
Pls Qtr Qtr Qtr Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

A & W RESTAURANT (Continued)

S101279412

Contact Type: Staff PL/PM (Project Leader/Project Manager)s
Company Name: MPCA
Contact Address: 520 Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 4/20/1998
Misc Contact Info: Not reported

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 5/5/1999
Misc Contact Info: Not reported

Contaminant Id: 00-00-0
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 9/15/2003

Facid: VP6280
Event: VIC Program Participation Dates (Start/End)
Additional Information: None
Start Date: 8/31/1995
End Date: 2/17/1998
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 1/15/1998
Record Number: 3642

Facid: VP6280
GW Receipts Prot by Rem Actn: Not reported
Ecological receptors present: No
Type of ecological receptors: Not reported
Acres of contaminated soil: Not reported
Volume of contaminated soil: Not reported
Acres of surface water impacted: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

A & W RESTAURANT (Continued)

S101279412

Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	No
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	No
Assurance help:	No
Land use Classfn At Site:	Not reported
Land use Vicinity Of Site:	Not reported
Deed notif Present On Site:	No
Restrictive Covenant Present:	No
GW Pump and Treat Used at site:	No
Quaternary Perched:	No
Quaternary Water Table:	No
Quaternary Confined:	No
Cretaceous:	No
Plattville:	No
St. peter:	No
Prairie Duchien:	No
Jordan:	No
Ironton/Galesville:	No
Mt Simon Hinckley:	No
Precambrian Undifferentiated:	No
Other/Unknown Aquifier:	Not reported
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Misc. Notes:	Not reported
Notes:	Not reported
Restrictions:	Not reported
SW Comments:	Not reported

27
 WSW
 1/4-1/2
 2441 ft.

**FORMER FREEWAY GASOLINA
 3040 HWY 60 W
 FARIBAULT, MN 55021**

**LUST S105010735
 N/A**

**Relative:
 Lower**

LUST:
 MN PCA ID: 225258
 Leak Site: Leak Site - Tank and Petroleum Contamination
 File Archive Box: Not reported
 File Archive Lot: Not reported
 Soil Digout Date: Not reported
 Cubic Yards Excavated: Not reported

**Actual:
 980 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FORMER FREEWAY GASOLINA (Continued)

S105010735

Cond Closure Date: Not reported
Complete Site Closure Date: 03/10/2003 00:00:00
Contaminated Soils Remaining: Unknown
Enforcement Action Begin Date: 08/26/1999 00:00:00
Lust Trust Eligible: Yes
Offsite Contamination: Unknown
Reimbursement Awarded: No
Release Discovered Date: 08/18/1999 00:00:00
Leak Reported Date: 08/19/1999 00:00:00
Std Letter Response Date: 09/20/1999 00:00:00
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:53
TMSP Last Update: 12/15/2004 08:29:01
Staff Id Last Update: DMITZUK
Release From AST: No
Release From UST: Yes
Tank Registration Status Code: F
VPIC Application Date: Not reported
VPIC Acres: Not reported
Facility Addr 2: Not reported
Leak ID: 12881
Addr Id: 188018
Township Name: Not reported
Active Flag: Not reported
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: 66
Interest Type: LS
Interest Phone: 5073342191
Interest Start Date: 09/20/99
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Seq Id: Not reported
Leak Action Code: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
Product Recovered Gallons: Not reported
Product Removed Gallons: Not reported
Treated Water Gallons: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported
Corrective Reason Code: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FORMER FREEWAY GASOLINA (Continued)

S105010735

LEAK GW INFO:

MN PCA ID: 225258
 Dw Supply Contam: No
 Free Product Observed: No
 Free Product Thickness: Not reported
 Ground Water Contam: Yes
 Gw Cleanup Goal: 0
 Gw Exceeds Cleanup Goal: Not reported
 Cleanup Goal Achieved: Not reported
 Water Supply Exceeds Ral: Not reported
 Well Type Code: Not reported
 Impacted Aquifer Code: 2
 TMSP Added: 12/04/1999 14:07:36
 TMSP Last Update: 11/04/2003 12:57:09
 Staff Id Last Update: RSUCHAN
 Mtbe Present Now: No
 Mtbe Present Historically: No
 Mtbe High Ug Per Liter Char: Not reported
 Mtbe High Ug Per Liter Numb: Not reported
 Mtbe High Level Date: Not reported
 Free Product At Close: Not reported
 Staff Id Ass: Not reported
 PWS Well: Not reported
 Prot Flag: Not reported
 Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 225258
 Prod Released Sequence Id: 33735
 Leak Product Code: Gasoline Regular
 Tmsp Added: 03/10/2003 10:31:27
 Tmsp Last_updt: 03/10/2003 10:31:27
 Staff Id Last Updt: NHENNEN
 MN PCA ID: 225258
 Prod Released Sequence Id: 33736
 Leak Product Code: Diesel
 Tmsp Added: 03/10/2003 10:31:27
 Tmsp Last_updt: 03/10/2003 10:31:27
 Staff Id Last Updt: NHENNEN

**28
 ESE
 1/4-1/2
 2604 ft.**

**ROBERT ELLSWORTH PROPERTY
 1605 WEST DIVISION STREET
 FARIBAULT, MN 55021**

**MN LS S103315449
 MN VIC N/A**

**Relative:
 Higher**

MN LS:
 Link ID: 4957
 Facility Name 2: Not reported
 EPA ID: Not reported
 MPCA ID: MNPT00010310
 Method: I1
 CERCLIS: No
 National Priorities List: No
 PLP: No
 Voluntary Cleanup & Investigation: Yes
 RCRA Treatment Storage & Disposal: No
 RCRA Generator: No
 Solid Waste Permit: No

**Actual:
 984 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ROBERT ELLSWORTH PROPERTY (Continued)

S103315449

Dumps: No
 No Further Remedial Action Planned: No
 Delisted From PLP By MPCA: No
 LCP: No
 Brownfield: No
 Entity Type: VIC

MN Voluntary Investigation Cleanup Program:

Facility ID: VP10310
 Facility Address 2: Not reported
 Link Id: 4957
 Facility Type: Not reported
 Active: No
 Pay Complete: No
 MPCA Region: Rochester
 Size Acres: 1
 HRS Score: 0
 Enforcement Lead Agency: Not reported
 Federal Defferal Plot: No
 Emergency: No
 Site Classification: No
 RD/RA: No
 RL/FS: No
 Fund financed: No
 Npl: No
 Plp: No
 District: South
 Program Referred from: Not reported
 Program Interest: VIC
 Physical Location: --
 Natural Source damage: No
 Clean up Cost: Not reported
 Indian Reservation: No
 Reservation Name: Not reported
 MPCA Owned Wells at site: No
 Created By: K. Lukes
 Date Created: 8/24/1998
 Date Last Updated: 8/4/1999
 Federal Facility: No
 Primary Funding Source: Not reported
 EPA Id: Not reported
 MPCA Id: Not reported
 Alpha Sort: Not reported
 Legal Distt: 26B
 Congressional Dist: 1
 Scale Of Map Used Pls Loc Data: A
 Township: Not reported
 Range: Not reported
 Range East West: W
 Section: Not reported
 Pls Qtr Section (160 Acres): Not reported
 Pls Qtr Qtr Section (40 Acres): Not reported
 Pls Qtr-Qtr-Qtr Section (10 Acres): Not reported
 Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres): Not reported
 Quad: 1458
 NAD Number: 83
 Desc Of UTM Coord Pt: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ROBERT ELLSWORTH PROPERTY (Continued)

S103315449

UTM Coord Pt Data Source: Not reported
Org Providing The UTM Coord Point Data: Not reported
Method For Loc Public Land Survey: M
Method Of Utm Coord Pt Data Collection: Not reported
Date Of Utm Coord Pt Data Collection: Not reported
COL Date Qual: Not reported
Map Scale: Not reported
Verification Method: Not reported
horizref: Not reported
Utm Source: 2
Utm Method: I1
Utm Scale: A
Utm Accuracy: Not reported
Utm East: 476623.03125
Utm North: 4904200.5
Utm Zone: 15
Basin Code: Not reported
Major Watershed: Not reported
Major Watershed: Not reported
Method For Loc Public Land Survey: Not reported
Scale Of Map Used Pls Loc Data: Not reported
Township 2: Not reported
Range 2: Not reported
Range East West: Not reported
Section 2: Not reported
Pls Qtr Section (160 Acres) 2: Not reported
Pls Qtr Qtr Section (40 Acres)2: Not reported
Pls Qtr Qtr Qtr Section (10 Acres)2: Not reported
Pls Qtr Qtr Qtr Qtr Section (2.5 Acres) 2: Not reported
Quad 2: Not reported
File Location: Archival Storage
Contact Type: Voluntary Party
Company Name: Not reported
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: MN
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 9702820533
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 11/9/1998
Misc Contact Info: Not reported

Contact Type: Other
Company Name: Edina Realty Title
Contact Address: 1515 Lyndale Ave. N.
Contact Address 2: Not reported
Contact City,St,Zip: Faribault, MN 55021
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 5073329732
Contact Phone Ext: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ROBERT ELLSWORTH PROPERTY (Continued)

S103315449

Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 1/6/1999
Misc Contact Info: Not reported

Contact Type: Staff PL/PM (Project Leader/Project Manager)s
Company Name: MPCA
Contact Address: 520 Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512963263
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/22/1999
Misc Contact Info: Not reported

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/22/1999
Misc Contact Info: Not reported

Contaminant Id: 104-51-8
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.067
Date Info Last Updated: 2/24/1999

Contaminant Id: 100-41-4
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.028
Date Info Last Updated: 2/24/1999

Contaminant Id: 103-65-1
Contaminated Media: Soil
Req Cleanup Concluded: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ROBERT ELLSWORTH PROPERTY (Continued)

S103315449

Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.037
Date Info Last Updated: 2/24/1999

Contaminant Id: 127-18-4
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.031
Date Info Last Updated: 2/24/1999

Contaminant Id: 108-88-3
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.033
Date Info Last Updated: 2/24/1999

Contaminant Id: 95-63-6
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.023
Date Info Last Updated: 2/24/1999

Contaminant Id: 1330-20-7
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.151
Date Info Last Updated: 2/24/1999

Contaminant Id: 7439-92-1
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 300
Date Info Last Updated: 2/24/1999

Contaminant Id: 7439-92-1
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 2000
Date Info Last Updated: 2/24/1999

Contaminant Id: WI-DRO
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ROBERT ELLSWORTH PROPERTY (Continued)

S103315449

Basis For Req Cleanup Lvl: Not reported
 Max Residual Contamination: 230
 Date Info Last Updated: 2/24/1999

Contaminant Id: WI-DRO
 Contaminated Media: Ground Water
 Req Cleanup Concluded: Not reported
 Cleanup Lvl Measure Units: ug/L
 Basis For Req Cleanup Lvl: Not reported
 Max Residual Contamination: 580
 Date Info Last Updated: 2/24/1999

Facid: VP10310
 Event: Remedial Action
 Additional Information: Date unknown (auto-appended event)...
 Start Date: Not reported
 End Date: Not reported
 Planned Start Date: Not reported
 Planned End Date: Not reported
 Date Info Last Updated: Not reported
 Record Number: 12285

Facid: VP10310
 Event: RAP Approval Letter
 Additional Information: .
 Start Date: Not reported
 End Date: 11/3/1998
 Planned Start Date: Not reported
 Planned End Date: Not reported
 Date Info Last Updated: 2/24/1999
 Record Number: 6879

Facid: VP10310
 Event: VIC Program Participation Dates (Start/End)
 Additional Information: --
 Start Date: 8/14/1998
 End Date: 10/4/2000
 Planned Start Date: Not reported
 Planned End Date: Not reported
 Date Info Last Updated: 8/24/1998
 Record Number: 5378

Facid: VP10310
 GW Receipts Prot by Rem Actn: Not reported
 Ecological receptors present: No
 Type of ecological receptors: Not reported
 Acres of contaminated soil: Not reported
 Volume of contaminated soil: Not reported
 Acres of surface water impacted: Not reported
 Acres of wetland impacted: Not reported
 Acres of sediment impacted: Not reported
 GW Plume Area Acres: Not reported
 Cleanup Conducted: Yes
 Acres of Contam Soil remediate: Not reported
 Volume of Soil Cleaned: Not reported
 # Municipal wells contamd: Not reported
 # Dom wells contam: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ROBERT ELLSWORTH PROPERTY (Continued)

S103315449

# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	1998
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	No
Assurance help:	Yes
Land use Classfn At Site:	Residential
Land use Vicinity Of Site:	Residential
Deed notif Present On Site:	No
Restrictive Covenant Present:	No
GW Pump and Treat Used at site:	No
Quaternary Perched:	No
Quaternary Water Table:	No
Quaternary Confined:	No
Cretaceous:	No
Plattville:	No
St. peter:	No
Prairie Duchien:	No
Jordan:	No
Ironton/Galesville:	No
Mt Simon Hinckley:	No
Precambrian Undifferentiated:	No
Other/Unknown Aquifer:	2/24/1999
Date Info Last Updated:	Not reported
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Misc. Notes:	Not reported
Notes:	Not reported
Restrictions:	Not reported
SW Comments:	Not reported

29
ESE
1/2-1
3920 ft.

NUTTING TRUCK AND CASTER CO.
1201 WEST DIVISION STREET
FARIBAULT, MN

MN DEL PLP S105077283
N/A

Relative:
Higher

Deleted PLP:

On NPL: Yes
 Score: 38

Actual:
1005 ft.

Priority Class: Minnesota List of Priorities Classification B: Response Actions Completed and Operation and Maintenance/Long-Term Monitoring Ongoing

Site Desc: The source of contaminants, an unlined impoundment, was excavated in 1980. High levels of trichloroethylene (TCE) persist in several monitoring wells on-site. Frequent monitoring of nearby municipal wells since September, 1982 of Health (MDH) and a private lab shows TCE and dichloroethylene at levels below drinking water criteria for total water supply, but above drinking water criteria for one well. of Health (MDH) and a private lab shows TCE and dichloroethylene at levels below drinking water criteria for total water supply, but above drinking water criteria for one well.

Action Taken: Not reported
 Action Needed: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

NUTTING TRUCK AND CASTER CO. (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105077283

Current Status: The Minnesota Department of Health completed a Health Consultation for this site in July 2000. A joint MPCA/MDH/City of Faribault public meeting was held in July 2000 to review status of this site and the associated Faribault Munie. Operation of a groundwater treatment well and long-term groundwater monitoring conducted to ensure extent and magnitude of contaminants in groundwater is diminished.

Action Tkn/Needed: Not reported
Action Needed: Not reported
Action Taken: Not reported
NPA Status: Not reported
NON NPL Status: Not reported
EPA ID: Not reported
EPA Region: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FARIBAULT	S106634710	SELLNER INDUSTRIAL PARK DEMOLITION SITE	"VICINITY OF TONKA PARK, BETWEEN DIVISIO ST. AND 1	55021	MN LS
FARIBAULT	1000313837	MINNESOTA SNOWMOBILE SALVAGE	RT 2 BOX 150	55021	RCRA-SQG, FINDS
FARIBAULT	1000217109	BAUERNFEIND AND GOEDEL	1415 NW 2ND	55021	RCRA-SQG, FINDS
FARIBAULT	S106548428	FORMER COASTAL MART	801 NW 4TH	55021	LUST
FARIBAULT	1000246186	FARIBAULT MUNI WELL FIELD	NORTH 4TH STREET & HWY 35 EAST	55021	CERCLIS, FINDS
FARIBAULT	S101698737	AUTO ZONE	HWY 60	55021	LUST, MN Spills
FARIBAULT	A100203663	MATEJCEK IMP CO	3040 HWY 60 W	55021	AST
FARIBAULT	1006197885	BH HESELTON DEMOLITION LANDFILL	HIGHWAY 60 E	55021	FINDS, SWF/LF
FARIBAULT	1000203107	MATEJCEK IMPLEMENT CO	3040 HIGHWAY 60 W	55021	RCRA-SQG, FINDS
FARIBAULT	S106900677	AMOCO #2047	I35 AND HIGHWAY 60	55021	LUST
FARIBAULT	S106634711	B.H. HESELTON DEMOLITION FACILITY	APPROX. 2 MI SE OF HWY 60 / WILLOW ST.	55021	MN LS
FARIBAULT	1003871980	FARIBAULT CITY DUMP	1ST AVE NE BETWEEN 5TH S. & 8TH N.	55021	CERC-NFRAP
FARIBAULT	1001817682	CITY OF FARIBAULT/N ALEXANDER PARK	2ND AVE AND 20TH ST NW	55021	RCRA-SQG, FINDS
FARIBAULT	S106634709	FARIBAULT COAL GASIFICATION PLANT SITE	BETWEEN 9TH ST NE / 10TH ST NE (EAST OF CENTRAL)	55021	SHWS, MN LS
FARIBAULT	U003988348	PETRO WASH	3044 W HIGHWAY 60	55021	LUST, UST
FARIBAULT	S101279401	CHANDLER-WILBERT VAULT CO	1030 HULPP AVE	55021	LUST, MN Spills
FARIBAULT	U003912692	CROWN AUTO INC	1233 W HWY 60	55021	UST, AST
FARIBAULT	1004731300	VALVOLINE RAPID OIL CHANGE	1531 W HWY 60	55021	RCRA-SQG, FINDS
FARIBAULT	1000246179	FARIBAULT STATE HOSPITAL	ST HWY 298	55021	RCRA-SQG
FARIBAULT	S106550631	OLD SILAGE STACKING SITE	NE OF HWY 3 AND HWY 21	55021	LUST
FARIBAULT	1007846700	FARIBAULT ENERGY PARK	4100 PARK AVE NO	55021	FINDS, AST
FARIBAULT	S107732361	XCEL ENERGY - WEST FARIBAULT GEN. PLANT	CO RD 18 / HWY 65	55021	TIER 2
FARIBAULT	S106404631	RICE COUNTY DEMOLITION LANDFILL	SEE LOCATION DESCRIPTION	55021	SWF/LF
FARIBAULT	S106547147	VACANT BLDG- FORMER DERBY SERVICE STA	729 4TH ST SW	55021	LUST
FARIBAULT	S103908977	ORIGINAL TOWN	3RD STREET NE, 1ST AVENUE NE	55021	MN VIC, INST CONTROL
FARIBAULT	1004726039	FARIBO WEST MALL	200 WESTERN AVE	55021	RCRA-SQG, FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

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: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 08/02/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/30/2006
	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

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 08/02/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/30/2006
	Data Release Frequency: Quarterly

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: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 08/02/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/30/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/21/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: No Update Planned

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: 06/19/2006	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 703-413-0223
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 06/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

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: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 06/23/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 08/22/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/25/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/23/2006
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 07/03/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/19/2006	Telephone: 202-366-4555
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 07/19/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Annually

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: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	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: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 08/11/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

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: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 07/24/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/23/2006
	Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/06/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 06/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/18/2006
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/20/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 202-564-6064
Date Made Active in Reports: 08/22/2006	Last EDR Contact: 07/06/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 06/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 03/29/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 03/31/2006	Source: EPA
Date Data Arrived at EDR: 04/26/2006	Telephone: 202-566-1667
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/19/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Quarterly

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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/16/2006
	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: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	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: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 08/09/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

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: 05/16/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/28/2006	Telephone: 303-231-5959
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 06/28/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/25/2006
	Data Release Frequency: Semi-Annually

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: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 09/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: No Update Planned

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: 12/31/2003	Source: EPA/NTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 07/21/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Site Remediation System Database

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: 07/06/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 07/07/2006	Telephone: 651-296-6300
Date Made Active in Reports: 08/14/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Annually

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: 05/08/2006	Source: Pollution Control Agency
Date Data Arrived at EDR: 07/05/2006	Telephone: 651-296-6139
Date Made Active in Reports: 08/14/2006	Last EDR Contact: 06/05/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/06/2005	Source: Pollution Control Agency
Date Data Arrived at EDR: 06/22/2006	Telephone: 651-296-6139
Date Made Active in Reports: 07/25/2006	Last EDR Contact: 06/05/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Annually

SWF/LF: Permitted Solid Waste Disposal Facilities

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

Date of Government Version: 06/01/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 06/07/2006	Telephone: 651-296-7276
Date Made Active in Reports: 07/25/2006	Last EDR Contact: 06/07/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Varies

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: 11/01/2005	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 12/14/2005	Telephone: 651-296-9543
Date Made Active in Reports: 01/26/2006	Source: Pollution Control Agency, GIS Section
Number of Days to Update: 43	Telephone: 651-296-7266
	Last EDR Contact: 06/21/2006
	Next Scheduled EDR Contact: 09/18/2006
	Data Release Frequency: Annually

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: 06/02/2005	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 07/08/2005	Telephone: 651-297-2731
Date Made Active in Reports: 08/03/2005	Source: Pollution Control Agency, GIS Section
Number of Days to Update: 26	Telephone: 651-297-2731
	Last EDR Contact: 07/19/2006
	Next Scheduled EDR Contact: 10/16/2006
	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: 06/01/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 06/07/2006	Telephone: 651-649-5451
Date Made Active in Reports: 07/25/2006	Last EDR Contact: 06/07/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/25/2006
Number of Days to Update: 48

Source: Minnesota Pollution Control Agency
Telephone: 651-649-5451
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Varies

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/25/2006
Number of Days to Update: 48

Source: Pollution Control Agency
Telephone: 651-649-5451
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Semi-Annually

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/25/2006
Number of Days to Update: 48

Source: Minnesota Pollution Control Agency
Telephone: 651-296-0930
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Semi-Annually

LIENS: Environmental Liens

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

Date of Government Version: 07/06/2006
Date Data Arrived at EDR: 07/07/2006
Date Made Active in Reports: 08/14/2006
Number of Days to Update: 38

Source: Pollution Control Agency
Telephone: 602-282-5988
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

BULK: Bulk Facilities Database

Facilities that use bulk pesticides and fertilizers

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/25/2006
Number of Days to Update: 48

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Semi-Annually

SPILLS: Spills Database

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/25/2006
Number of Days to Update: 48

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8617
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
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: 06/08/2006
Date Data Arrived at EDR: 06/13/2006
Date Made Active in Reports: 07/25/2006
Number of Days to Update: 42

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INST CONTROL: Site Remediation Section Database

Sites that have an Institutional Control event.

Date of Government Version: 07/06/2006	Source: Pollution Control Agency
Date Data Arrived at EDR: 07/07/2006	Telephone: 512-296-6300
Date Made Active in Reports: 08/14/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

VIC: Voluntary Investigation and Cleanup Program

Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 07/06/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 07/07/2006	Telephone: 651-296-7291
Date Made Active in Reports: 08/14/2006	Last EDR Contact: 07/03/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaning Facilities

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

Date of Government Version: 07/10/2006	Source: Pollution Control Agency
Date Data Arrived at EDR: 07/11/2006	Telephone: 651-296-6300
Date Made Active in Reports: 08/14/2006	Last EDR Contact: 07/10/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/09/2006
	Data Release Frequency: Varies

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: 09/01/2005	Source: Pollution Control Agency
Date Data Arrived at EDR: 11/10/2005	Telephone: 651-296-7999
Date Made Active in Reports: 12/14/2005	Last EDR Contact: 06/13/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Varies

CDL: Clandestine Drug Labs

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

Date of Government Version: 05/19/2006	Source: Department of Health
Date Data Arrived at EDR: 05/24/2006	Telephone: 651-215-5800
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/20/2006
	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: 04/10/2006	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 05/15/2006	Telephone: 651-297-8332
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/09/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MN HWS PERMIT: Active TSD Facilities

Active TSD Facilities.

Date of Government Version: 04/01/2006
Date Data Arrived at EDR: 04/11/2006
Date Made Active in Reports: 05/09/2006
Number of Days to Update: 28

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8470
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

AIRS: Permit Contact List

A listing of permitted AIRS facilities.

Date of Government Version: 05/25/2006
Date Data Arrived at EDR: 05/26/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 20

Source: Pollution Control Agency
Telephone: 651-296-7351
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Varies

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: 04/11/2006
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 42

Source: Department of Public Safety
Telephone: 651-296-2233
Last EDR Contact: 09/05/2006
Next Scheduled EDR Contact: 12/04/2006
Data Release Frequency: Varies

TRIBAL RECORDS

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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/11/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Semi-Annually

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: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 06/28/2006
Number of Days to Update: 19

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 06/23/2006
Date Made Active in Reports: 08/02/2006
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 07/28/2006
Number of Days to Update: 49

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/06/2006	Source: EPA Region 8
Date Data Arrived at EDR: 06/09/2006	Telephone: 303-312-6271
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	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: 01/04/2005	Source: EPA Region 6
Date Data Arrived at EDR: 01/21/2005	Telephone: 214-665-6597
Date Made Active in Reports: 02/28/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 06/06/2006	Source: EPA Region 8
Date Data Arrived at EDR: 06/09/2006	Telephone: 303-312-6137
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 06/08/2006	Source: EPA Region 10
Date Data Arrived at EDR: 06/09/2006	Telephone: 206-553-2857
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 06/08/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 06/09/2006	Telephone: 617-918-1313
Date Made Active in Reports: 06/30/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006	Source: EPA Region 9
Date Data Arrived at EDR: 06/23/2006	Telephone: 415-972-3368
Date Made Active in Reports: 08/02/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: 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

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: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/01/2006
Date Data Arrived at EDR: 07/06/2006
Date Made Active in Reports: 08/01/2006
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/02/2006
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: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/30/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/25/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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 1999 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 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GEN BEEBE USARC/AMSA 111
2119 HWY 60
FAIRBAULT, MN 55021

TARGET PROPERTY COORDINATES

Latitude (North):	44.29380 - 44° 17' 37.7"
Longitude (West):	93.3007 - 93° 18' 2.5"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	476010.2
UTM Y (Meters):	4904333.0
Elevation:	981 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	44093-C3 FARIBAULT, MN
Most Recent Revision:	1995

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

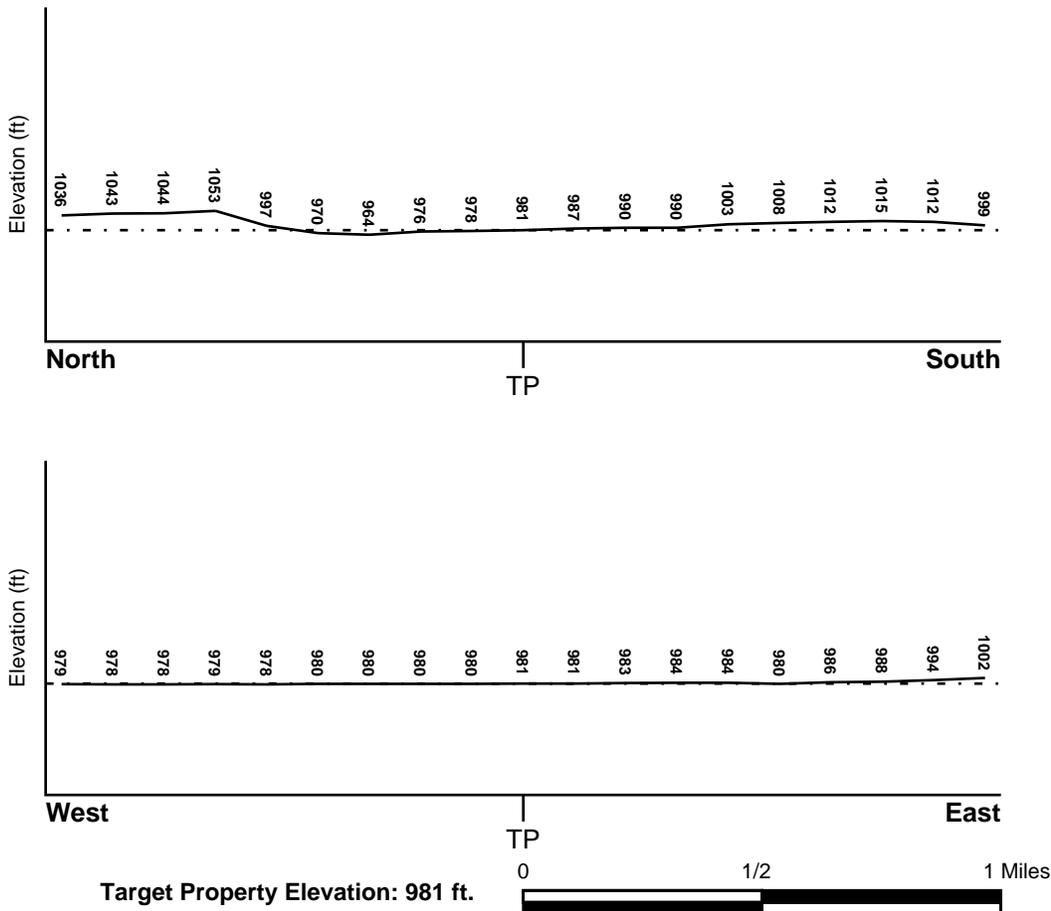
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
RICE, MN	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

* ©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: Paleozoic
System: Ordovician
Series: Middle Ordovician (Mohawkian)
Code: O2 (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: ESTHERVILLE

Soil Surface Texture: loam

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

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

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

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	13 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 6.00 Min: 2.00	Max: 7.30 Min: 5.60
2	13 inches	18 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.30 Min: 5.60
3	18 inches	60 inches	coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 8.40 Min: 6.60

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silt loam
silty clay loam
loamy sand
loamy fine sand
sandy loam
gravelly - coarse sand

Surficial Soil Types: silt loam
silty clay loam
loamy sand
loamy fine sand
sandy loam
gravelly - coarse sand

Shallow Soil Types: fine sandy loam

Deeper Soil Types: gravelly - coarse sand
silty clay loam
sand
stratified
silt loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

very gravelly - coarse sand

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS2612862	1/4 - 1/2 Mile SSW
A4	USGS2612856	1/4 - 1/2 Mile SSW
B6	USGS2612847	1/2 - 1 Mile SSW
C8	USGS2612785	1/2 - 1 Mile NNE
D11	USGS2612788	1/2 - 1 Mile North
E13	USGS2612782	1/2 - 1 Mile NNW
E15	USGS2612783	1/2 - 1 Mile NNW
16	USGS2612768	1/2 - 1 Mile NE
F17	USGS2612786	1/2 - 1 Mile NNW
G20	USGS2612877	1/2 - 1 Mile ESE
G21	USGS2612876	1/2 - 1 Mile ESE
H23	USGS2612864	1/2 - 1 Mile ESE
H25	USGS2612861	1/2 - 1 Mile ESE
I26	USGS2612882	1/2 - 1 Mile East
J30	USGS2612982	1/2 - 1 Mile South
32	USGS2612767	1/2 - 1 Mile ENE
K35	USGS2612778	1/2 - 1 Mile WNW
L37	USGS2612766	1/2 - 1 Mile ENE
L39	USGS2612764	1/2 - 1 Mile ENE
L40	USGS2612765	1/2 - 1 Mile ENE
L41	USGS2612758	1/2 - 1 Mile ENE
M43	USGS2612857	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

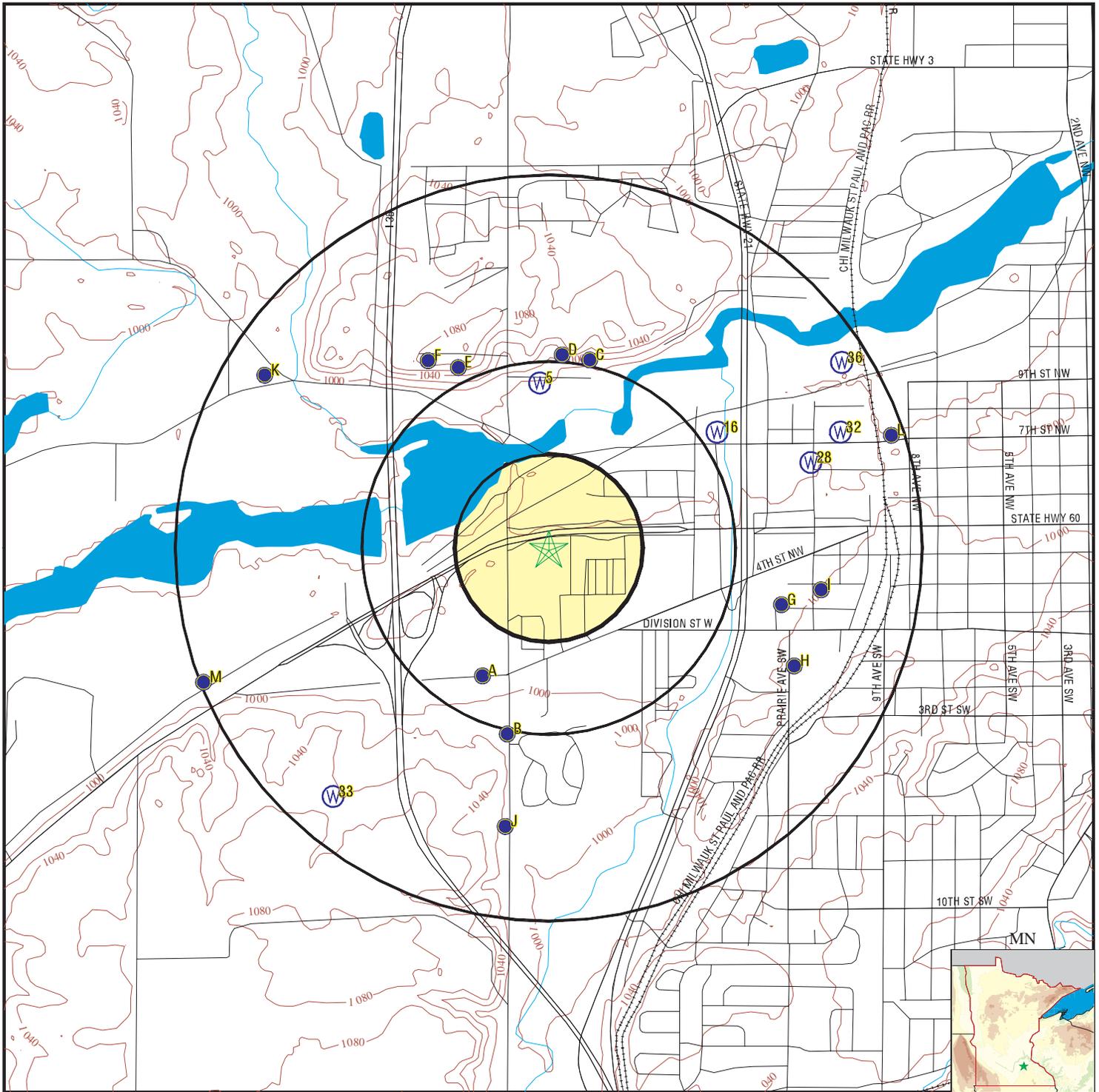
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

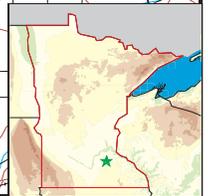
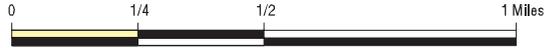
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	MN0000113401	1/4 - 1/2 Mile SSW
A3	MN0000141884	1/4 - 1/2 Mile SSW
5	MN0000313370	1/4 - 1/2 Mile North
B7	MN0000050184	1/2 - 1 Mile SSW
D9	MN0000181524	1/2 - 1 Mile North
C10	MN0000189245	1/2 - 1 Mile NNE
E12	MN0000176086	1/2 - 1 Mile NNW
E14	MN0000179298	1/2 - 1 Mile NNW
F18	MN0000136419	1/2 - 1 Mile NNW
G19	MN0000092354	1/2 - 1 Mile ESE
G22	MN0000092356	1/2 - 1 Mile ESE
H24	MN0000092353	1/2 - 1 Mile ESE
H27	MN0000092351	1/2 - 1 Mile ESE
28	MN0000227286	1/2 - 1 Mile ENE
I29	MN0000092352	1/2 - 1 Mile East
J31	MN0000129340	1/2 - 1 Mile South
33	MN0000086890	1/2 - 1 Mile SW
K34	MN0000133486	1/2 - 1 Mile WNW
36	MN0000227287	1/2 - 1 Mile ENE
L38	MN0000092355	1/2 - 1 Mile ENE
M42	MN0000086889	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 01749047.1r



- 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: GEN Beebe USARC/AMSA 111
 ADDRESS: 2119 Hwy 60
 Fairbault MN 55021
 LAT/LONG: 44.2938 / 93.3007

CLIENT: CH2M Hill
 CONTACT: Mary Beth Jacques
 INQUIRY #: 01749047.1r
 DATE: September 05, 2006 4:04 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
SSW
1/4 - 1/2 Mile
Higher

FED USGS USGS2612862

Agency cd:	MN040	Site no:	441721093181301
Site name:	110N21W35DAADB01		
Latitude:	441721		
Longitude:	0931813	Dec lat:	44.28913028
Dec lon:	-93.30382806	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NENESES35 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	993	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19840524
Date inventoried:	19880417	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PRAIRIE DU CHIEN FORMATION		
Well depth:	80	Hole depth:	80
Source of depth data:	Not Reported		
Real time data flag:	0	Project number:	462714100
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1984-05-24	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1984-05-24

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1984-05-24	13.00	

A2
SSW
1/4 - 1/2 Mile
Higher

MN WELLS MN0000113401

Relateid:	0000404653	County c:	Rice
Unique no:	00404653	Wellname:	SIMPSON, DON W.
Township:	110	Range:	21
Range dir:	W	Section:	35
Subsection:	DAADB01	Mgsquad c:	72D
Elevation:	993		
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:	Hartmann Well Co.
Depth drill:	80		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth comp:	80		
Date drill:	19840524		
Case diam:	4		
Case depth:	65		
Grout:	Well grouted, type unknown	Pollut dst:	22
Pollut dir:	E	Pollut typ:	SDF
Strat date:	19920406	Strat upd:	19920406
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	52		
First bdrk:	OPDC	Last strat:	Prairie Du Chien Group
Ohtopunit:	OPDC	Ohbotunit:	OPDC
Aquifer:	OPDC	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:	19880417
Updt date:	19920406	Site id:	MN0000113401

Address Information:

Relateid:	0000404653	Name:	SIMPSON, DON W.
Addtype c:	Both	House no:	2304
Street:	201ST	Road type:	Street
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19880417	Updt date:	19920406
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000404653	Drill meth:	Non-specified Rotary
Drill fluid:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	1		
Drive shoe:	Y	Case type:	Single casing
Screen:	N		
Ohtopfeet:	65		
Ohbotfeet:	80		
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:	N
Pump date:	Not Reported	Pump mfg:	Not Reported
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Drpp len:	Not Reported		
Drpp mat:	Not Reported	Pump cpcty:	Not Reported
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	HARTMANN, R	Entry date:	19880417
Updt date:	19920406		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction 2 Information:

Relateid:	0000404653	Constype:	C
From depth:	0		
To depth:	65		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Well Information:

Relateid:	0000404653	Meas type:	Well installation
Meas date:	19840524	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	13		
Meas elev:	980		
Data src:	Hartmann Well Co.	Program:	CWI
Entry date:	19880417	Updt date:	0

Stratigraphy Information:

Relateid:	0000404653	Depth top:	0
Depth bot:	52	Drllr desc:	SAND
Color:	BROWN	Hardness:	SOFT
Strat:	Quaternary sand-sort undiff or unknown-brown		
Lith prim:	Sand		
Lith sec:	Not Reported	Lith minor:	Not Reported

**A3
SSW
1/4 - 1/2 Mile
Higher**

MN WELLS MN0000141884

Relateid:	0000443152	County c:	Rice
Unique no:	00443152	Wellname:	GOETAL, LAVERN
Township:	110	Range:	21
Range dir:	W	Section:	35
Subsection:	DADBBA	Mgsquad c:	72D
Elevation:	988		
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:	Bemis Well Co.
Depth drll:	70		
Depth comp:	70		
Date drll:	19881020		
Case diam:	4		
Case depth:	65		
Grout:	Well grouted, type unknown	Pollut dst:	60
Pollut dir:	SE	Pollut typ:	SDF
Strat date:	19921102	Strat upd:	19921102
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	-999		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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:	19901212
Updt date:	19921102	Site id:	MN0000141884

Address Information:

Relateid:	0000443152	Name:	GOETAL, LAVERN
Addtype c:	Both	House no:	2110
Street:	206TH	Road type:	Street
Road dir:	West	City:	FARIBAULT
State:	MN	Zipcode:	55021
Entry date:	19901212	Updt date:	19921102
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000443152	Drill meth:	Non-specified Rotary
Drill fluid:	Bentonite	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported	Case joint:	T
Case mat:	Steel (black or low carbon)	Case type:	Single casing
Case top:	1		
Drive shoe:	Y	Screen typ:	stainless steel
Screen:	Y	Ptlls mdl:	Not Reported
Ohtopfeet:	Not Reported	Csg top ok:	Not Reported
Ohbotfeet:	Not Reported	Plstc prot:	Not Reported
Screen mfg:	JOHNSON	Pump inst:	Not Reported
Ptlls mfg:	MONITOR	Pump mfg:	Not Reported
Bsmt offst:	Not Reported		
Csg at grd:	Not Reported	Pump cpcty:	Not Reported
Disinfectd:	Not Reported	Variance:	Not Reported
Pump date:	Not Reported	Entry date:	19901212
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump type:	Not Reported		
Drllr name:	BEMIS, M.		
Updt date:	19921102		

Construction 2 Information:

Relateid:	0000443152	Constype:	C
From depth:	0		
To depth:	65		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Information:

Relateid:	0000443152	Meas type:	Well installation
Meas date:	19881020	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	18		
Meas elev:	970		
Data src:	Bemis Well Co.	Program:	CWI
Entry date:	19901212	Updt date:	0

Stratigraphy Information:

Relateid:	0000443152	Depth top:	0
Depth bot:	3	Drllr desc:	TOPSOIL
Color:	BLACK	Hardness:	SOFT
Strat:	RUUK		
Lith prim:	Soil		
Lith sec:	Organic Deposits	Lith minor:	Not Reported

**A4
SSW
1/4 - 1/2 Mile
Higher**

FED USGS USGS2612856

Agency cd:	MN040	Site no:	441719093181701
Site name:	110N21W35DADBBA01		
Latitude:	441719		
Longitude:	0931817	Dec lat:	44.28857472
Dec lon:	-93.30493917	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	SENESES35 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	988	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19881020
Date inventoried:	19901212	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Confined single aquifer		
Aquifer:	GLACIAL BURIED SAND & GRAVEL		
Well depth:	70	Hole depth:	70
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1988-10-20	Ground water data end date:	1988-10-20
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1988-10-20	18.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

5
North
1/4 - 1/2 Mile
Lower

MN WELLS MN0000313370

Relateid:	0000665635	County c:	Rice
Unique no:	00665635	Wellname:	SPITZACK, GORDON
Township:	110	Range:	21
Range dir:	W	Section:	25
Subsection:	BBA	Mgsquad c:	Not Reported
Elevation:	Not Reported		
Elev mc:	Not Reported		
Status c:	Active		
Use c:	Domestic	Loc mc:	Not Reported
Loc src:	Not Reported	Data src:	Hartmann Well Co.
Depth drll:	46		
Depth comp:	46		
Date drll:	20010813		
Case diam:	4		
Case depth:	36		
Grout:	Well grouted, type unknown	Pollut dst:	100
Pollut dir:	E	Pollut typ:	SDF
Strat date:	20011109	Strat upd:	Not Reported
Strat src:	Not Reported	Strat geol:	Not Reported
Strat mc:	Not Reported		
Depth2bdrk:	Not Reported		
First bdrk:	Not Reported	Last strat:	Not Reported
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:	Y
Igwis:	Not Reported	Input src:	Minnesota Department of Health
Unused:	N	Entry date:	20011109
Updt date:	20020716	Site id:	MN0000313370

Address Information:

Relateid:	0000665635	Name:	SPITZACK, GORDON
Addtype c:	Well address	House no:	2115
Street:	HIERSCH	Road type:	Road
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	20011109	Updt date:	Not Reported
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000665635	Drill meth:	Non-specified Rotary
Drill flud:	Bentonite	Hydrofrac:	N
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:	N		
Ohtopfeet:	36		
Ohbotfeet:	46		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlls mfg:	MONITOR	Ptlls mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	U
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Y	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:	Submersible	Variance:	N
Drllr name:	PETERSON, D.	Entry date:	20011109
Updt date:	20020716		

Construction 2 Information:

Relateid:	0000665635	Constype:	C
From depth:	0		
To depth:	36		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	11		
Units:	Not Reported		

Well Information:

Relateid:	0000665635	Meas type:	Well installation
Meas date:	20010813	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	Not Reported		
Measuremt:	10		
Meas elev:	Not Reported		
Data src:	Hartmann Well Co.	Program:	WELLLOG
Entry date:	20011109	Updt date:	Not Reported

Pump Test Information:

Relateid:	0000665635	Pumptestid:	1
Test date:	20010813		
Start meas:	10		
Flow rate:	Not Reported		
Duration:	Not Reported		
Pump meas:	Not Reported		

Stratigraphy Information:

Relateid:	0000665635	Depth top:	0
Depth bot:	8	Drllr desc:	DIRT
Color:	BLACK	Hardness:	SOFT
Strat:	Not Reported		
Lith prim:	Not Reported		
Lith sec:	Not Reported	Lith minor:	Not Reported

**B6
SSW
1/2 - 1 Mile
Higher**

FED USGS USGS2612847

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	MN040	Site no:	441712093181001
Site name:	110N21W35DDAAAD01		
Latitude:	441712		
Longitude:	0931810	Dec lat:	44.28663028
Dec lon:	-93.30299472	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NESESES35 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	1005	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19810504
Date inventoried:	19880417	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PRAIRIE DU CHIEN FORMATION		
Well depth:	80	Hole depth:	80
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1981-05-04	Ground water data end date:	1981-05-04
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1981-05-04	15.00	

B7
SSW
1/2 - 1 Mile
Higher

MN WELLS MN0000050184

Relateid:	0000178516	County c:	Rice
Unique no:	00178516	Wellname:	CHARLTON, MELVIN
Township:	110	Range:	21
Range dir:	W	Section:	35
Subsection:	DDAAAD	Mgsquad c:	72D
Elevation:	1005		
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:	Hartmann Well Co.
Depth drll:	80		
Depth comp:	80		
Date drll:	19810504		
Case diam:	4		
Case depth:	54		
Grout:	Well grouted, type unknown	Pollut dst:	75
Pollut dir:	S	Pollut typ:	SDF
Strat date:	19920413	Strat upd:	19920413
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	51		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

First bdrk:	OSTP	Last strat:	Prairie Du Chien Group
Ohtopunit:	OPDC	Ohbotunit:	OPDC
Aquifer:	OPDC	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:	19880417
Updt date:	19920413	Site id:	MN0000050184

Address Information:

Relateid:	0000178516	Name:	CHARLTON, MELVIN
Addtype c:	Both	House no:	RR 3
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19880417	Updt date:	19920413
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000178516	Drill meth:	Non-specified Rotary
Drill fluid:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported	Case joint:	T
Case mat:	Steel (black or low carbon)	Case type:	Single casing
Case top:	1		
Drive shoe:	Y	Screen typ:	Not Reported
Screen:	N	Ptlls mdl:	Not Reported
Ohtopfeet:	54	Csg top ok:	Not Reported
Ohbotfeet:	80	Plstc prot:	Not Reported
Screen mfg:	Not Reported	Pump inst:	N
Ptlls mfg:	Not Reported	Pump mfg:	Not Reported
Bsmt offst:	Not Reported		
Csg at grd:	Not Reported	Pump cpcty:	Not Reported
Disinfectd:	Not Reported	Variance:	Not Reported
Pump date:	Not Reported	Entry date:	19880417
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump type:	Not Reported		
Drllr name:	JAECHELS, R.		
Updt date:	19920413		

Construction 2 Information:

Relateid:	0000178516	Constype:	C
From depth:	0		
To depth:	54		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Information:

Relateid:	0000178516	Meas type:	Well installation
Meas date:	19810504	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	15		
Meas elev:	990		
Data src:	Hartmann Well Co.	Program:	CWI
Entry date:	19880417	Updt date:	0

Stratigraphy Information:

Relateid:	0000178516	Depth top:	0
Depth bot:	20	Drllr desc:	CLAY
Color:	BROWN	Hardness:	MEDIUM
Strat:	Quaternary clay-sort undiff or unknown-brown		
Lith prim:	Clay		
Lith sec:	Not Reported	Lith minor:	Not Reported

**C8
NNE
1/2 - 1 Mile
Higher**

FED USGS USGS2612785

Agency cd:	MN040	Site no:	441804093175401
Site name:	110N21W25CCAAAB01		
Latitude:	441804		
Longitude:	0931754	Dec lat:	44.30107472
Dec lon:	-93.29855028	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NESWSWS25 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	1001	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19891106
Date inventoried:	19901211	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JORDAN SANDSTONE		
Well depth:	340	Hole depth:	340
Source of depth data:	Not Reported		
Real time data flag:	0	Project number:	462714100
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1989-11-06	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1989-11-06

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1989-11-06	40.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

D9
North
1/2 - 1 Mile
Higher

MN WELLS MN0000181524

Relateid:	0000500504	County c:	Rice
Unique no:	00500504	Wellname:	LEMIEUX, DON
Township:	110	Range:	21
Range dir:	W	Section:	25
Subsection:	CCABBB	Mgsquad c:	72D
Elevation:	1015		
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:	Born Well Co.
Depth drll:	402		
Depth comp:	402		
Date drll:	19880729		
Case diam:	4		
Case depth:	350		
Grout:	Well grouted, type unknown	Pollut dst:	250
Pollut dir:	W	Pollut typ:	SDF
Strat date:	19920225	Strat upd:	19920225
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	22		
First bdrk:	OSTP	Last strat:	Jordan
Ohtopunit:	CJDN	Ohbotunit:	CJDN
Aquifer:	CJDN	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:	19901211
Updt date:	19920225	Site id:	MN0000181524

Address Information:

Relateid:	0000500504	Name:	LEMIEUX, DON
Addtype c:	Both	House no:	2040
Street:	HIERSCHE	Road type:	Road
Road dir:	Not Reported	City:	Not Reported
State:	MN	Zipcode:	Not Reported
Entry date:	19901211	Updt date:	19920225
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000500504	Drill meth:	Non-specified Rotary
Drill flud:	Bentonite	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	1		
Drive shoe:	Y	Case type:	Single casing
Screen:	N		
Ohtopfeet:	350		
Ohbotfeet:	402		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	MONITOR	Ptlss mdl:	6PS45S4C1
Bsmt offst:	Not Reported	Csg top ok:	1
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Y
Pump date:	19880729	Pump mfg:	FLINT & WALLING
Pump model:	4F10A05		
Pump hp:	.5		
Pump volts:	230		
Dropp len:	54		
Dropp mat:	G	Pump cpcty:	10
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	BORN, R	Entry date:	19901211
Updt date:	19920225		

Construction 2 Information:

Relateid:	0000500504	Constype:	C
From depth:	0		
To depth:	350		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Well Information:

Relateid:	0000500504	Meas type:	Well installation
Meas date:	19880729	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	38		
Meas elev:	977		
Data src:	Born Well Co.	Program:	CWI
Entry date:	19901211	Updt date:	0

Pump Test Information:

Relateid:	0000500504	Pumptestid:	1
Test date:	19880729		
Start meas:	38		
Flow rate:	150		
Duration:	Not Reported		
Pump meas:	402		

Stratigraphy Information:

Relateid:	0000500504	Depth top:	0
Depth bot:	22	Drllr desc:	FINE SANDY CLAY
Color:	YELLOW	Hardness:	SOFT
Strat:	Quaternary clay+sand-sort undiff or unknown-yellow		
Lith prim:	Clay		
Lith sec:	Sand	Lith minor:	Not Reported

**C10
NNE
1/2 - 1 Mile
Higher**

MN WELLS MN0000189245

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000511010	County c:	Rice
Unique no:	00511010	Wellname:	CHAVIE, BRIAN
Township:	110	Range:	21
Range dir:	W	Section:	25
Subsection:	CCAAAB	Mgsquad c:	72D
Elevation:	1001		
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:	Kaderlik Well Co.
Depth drll:	340		
Depth comp:	340		
Date drll:	19891106		
Case diam:	4		
Case depth:	280		
Grout:	Well grouted, type unknown	Pollut dst:	200
Pollut dir:	N	Pollut typ:	SDF
Strat date:	19920225	Strat upd:	19920225
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	20		
First bdrk:	OSTP	Last strat:	Jordan
Ohtopunit:	CJDN	Ohbotunit:	CJDN
Aquifer:	CJDN	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:	19901211
Updt date:	19920225	Site id:	MN0000189245

Address Information:

Relateid:	0000511010	Name:	CHAVIE, BRIAN
Addtype c:	Both	House no:	2004
Street:	HERSCHE	Road type:	Avenue
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	55021
Entry date:	19901211	Updt date:	19920225
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000511010	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:	W
Case top:	0		
Drive shoe:	Y	Case type:	Step down
Screen:	N		
Ohtopfeet:	280		
Ohbotfeet:	340		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlls mfg:	Not Reported	Ptlls 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:	N
Pump date:	Not Reported	Pump mfg:	Not Reported
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dropp mat:	Not Reported	Pump cpcty:	Not Reported
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	CHAVIE, R	Entry date:	19901211
Updt date:	19920225		

Construction 2 Information:

Relateid:	0000511010	Constype:	C
From depth:	0		
To depth:	48		
Diameter:	8		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Well Information:

Relateid:	0000511010	Meas type:	Well installation
Meas date:	19891106	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	40		
Meas elev:	961		
Data src:	Kaderlik Well Co.	Program:	CWI
Entry date:	19901211	Updt date:	0

Stratigraphy Information:

Relateid:	0000511010	Depth top:	0
Depth bot:	20	Drllr desc:	DIRT, GRAVEL, SANDSTONE
Color:	WHITE	Hardness:	MEDIUM
Strat:	Quaternary unknown or undiff.-sort undiff or unknown-unknown or u		
Lith prim:	Soil		
Lith sec:	Gravel	Lith minor:	Sand
Relateid:	0000511010	Depth top:	20
Depth bot:	40	Drllr desc:	SANDSTONE
Color:	WHITE	Hardness:	MEDIUM
Strat:	OSTP		
Lith prim:	Sandstone		
Lith sec:	Not Reported	Lith minor:	Not Reported

**D11
North
1/2 - 1 Mile
Higher**

FED USGS USGS2612788

Agency cd:	MN040	Site no:	441805093175901
Site name:	110N21W25CCABBB01		
Latitude:	441805	Dec lat:	44.3013525
Longitude:	0931759	Coor meth:	M
Dec lon:	-93.29993944	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	131
State:	27	Land net:	NESWSWS25 T110N R21W
Country:	US	Map scale:	24000
Location map:	FARIBAULT		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	1015	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19880729
Date inventoried:	19901211	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JORDAN SANDSTONE		
Well depth:	402	Hole depth:	402
Source of depth data:	Not Reported		
Real time data flag:	0	Project number:	462714100
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1988-07-29	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1988-07-29

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1988-07-29	38.00	

**E12
NNW
1/2 - 1 Mile
Higher**

MN WELLS MN0000176086

Relateid:	0000490560	County c:	Rice
Unique no:	00490560	Wellname:	BUDAHL, RICK
Township:	110	Range:	21
Range dir:	W	Section:	26
Subsection:	DDABBC	Mgsquad c:	72D
Elevation:	1065		
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:	Hartmann Well Co.
Depth drll:	157		
Depth comp:	157		
Date drll:	19910626		
Case diam:	4		
Case depth:	131		
Grout:	Well grouted, type unknown	Pollut dst:	55
Pollut dir:	S	Pollut typ:	SDF
Strat date:	19921102	Strat upd:	19921102
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	105		
First bdrk:	OSTP	Last strat:	St.Peter
Ohtopunit:	OSTP	Ohbotunit:	OSTP
Aquifer:	OSTP	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:	19911107
Updt date:	19921102	Site id:	MN0000176086

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address Information:

Relateid:	0000490560	Name:	BUDAHL, RICK
Addtype c:	Both	House no:	2120
Street:	198TH	Road type:	Street
Road dir:	West	City:	FARIBAULT
State:	MN	Zipcode:	55021
Entry date:	19911107	Updt date:	19921102
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000490560	Drill meth:	Non-specified Rotary
Drill fluid:	Bentonite	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	W
Case top:	1		
Drive shoe:	Y	Case type:	Single casing
Screen:	N		
Ohtopfeet:	131		
Ohbotfeet:	157		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptss mfg:	MONITOR	Ptss 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:	Not Reported
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported	Pump cpcty:	Not Reported
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	JAECKELS, R.	Entry date:	19911107
Updt date:	19921102		

Construction 2 Information:

Relateid:	0000490560	Constype:	C
From depth:	0		
To depth:	131		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Well Information:

Relateid:	0000490560	Meas type:	Well installation
Meas date:	19910626	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	110		
Meas elev:	955		
Data src:	Hartmann Well Co.	Program:	CWI
Entry date:	19911107	Updt date:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Stratigraphy Information:

Relateid:	0000490560	Depth top:	0
Depth bot:	8	Drllr desc:	SANDY CLAY
Color:	YELLOW	Hardness:	MEDIUM
Strat:	Quaternary clay+sand-sort undiff or unknown-yellow		
Lith prim:	Clay	Lith minor:	Not Reported
Lith sec:	Sand		

**E13
NNW
1/2 - 1 Mile
Higher**

FED USGS USGS2612782

Agency cd:	MN040	Site no:	441803093181901
Site name:	110N21W26DDBADA01		
Latitude:	441803		
Longitude:	0931819	Dec lat:	44.30079694
Dec lon:	-93.305495	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NWSESES26 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	1065	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19910626
Date inventoried:	19911107	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ST PETER SANDSTONE		
Well depth:	157	Hole depth:	157
Source of depth data:	Not Reported		
Real time data flag:	0	Project number:	462714100
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1991-06-26	Water quality data count:	0
Ground water data count:	1	Ground water data end date:	1991-06-26

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1991-06-26	110.00	

**E14
NNW
1/2 - 1 Mile
Higher**

MN WELLS MN0000179298

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000495803	County c:	Rice
Unique no:	00495803	Wellname:	ELLER, STANLEY
Township:	110	Range:	21
Range dir:	W	Section:	26
Subsection:	DDBADB	Mgsquad c:	72D
Elevation:	1065		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Address verification
Loc src:	Minnesota Geological Survey	Data src:	Hartmann Well Co.
Depth drll:	165		
Depth comp:	165		
Date drll:	19910909		
Case diam:	5		
Case depth:	141		
Grout:	Well grouted, type unknown	Pollut dst:	65
Pollut dir:	S	Pollut typ:	SDF
Strat date:	19921102	Strat upd:	19921102
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	116		
First bdrk:	OSTP	Last strat:	St.Peter
Ohtopunit:	OSTP	Ohbotunit:	OSTP
Aquifer:	OSTP	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:	19920103
Updt date:	19921102	Site id:	MN0000179298

Address Information:

Relateid:	0000495803	Name:	ELLER, STANLEY
Addtype c:	Both	House no:	2130
Street:	198TH	Road type:	Street
Road dir:	West	City:	FARIBAULT
State:	MN	Zipcode:	55021
Entry date:	19920103	Updt date:	19921102
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000495803	Drill meth:	Non-specified Rotary
Drill fluid:	Bentonite	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	1		
Drive shoe:	Y	Case type:	Single casing
Screen:	N		
Ohtopfeet:	141		
Ohbotfeet:	165		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptss mfg:	MONITOR	Ptss 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:	Not Reported
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drpp mat:	Not Reported	Pump cpcty:	Not Reported
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	JAECKELS, R.	Entry date:	19920103
Updt date:	19921102		

Construction 2 Information:

Relateid:	0000495803	Constype:	C
From depth:	0		
To depth:	141		
Diameter:	5		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Well Information:

Relateid:	0000495803	Meas type:	Well installation
Meas date:	19910909	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	120		
Meas elev:	945		
Data src:	Hartmann Well Co.	Program:	CWI
Entry date:	19920103	Updt date:	0

Stratigraphy Information:

Relateid:	0000495803	Depth top:	0
Depth bot:	17	Drllr desc:	SAND
Color:	BROWN	Hardness:	SOFT
Strat:	Quaternary sand-sort undiff or unknown-brown		
Lith prim:	Sand		
Lith sec:	Not Reported	Lith minor:	Not Reported

**E15
NNW
1/2 - 1 Mile
Higher**

FED USGS USGS2612783

Agency cd:	MN040	Site no:	441803093182001
Site name:	110N21W26DDBADB01		
Latitude:	441803		
Longitude:	0931820	Dec lat:	44.30079694
Dec lon:	-93.30577278	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NWSESES26 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	1065	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19910909
Date inventoried:	19920103	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ST PETER SANDSTONE		
Well depth:	165	Hole depth:	165
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1991-09-09	Ground water data end date: 1991-09-09
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1991-09-09	120.00	

16
NE
1/2 - 1 Mile
Lower

FED USGS USGS2612768

Agency cd: USGS	Site no: 441754093172901
Site name: 110N21W25DCC	
Latitude: 441754	
Longitude: 931729	Dec lat: 44.29829694
Dec lon: -93.29160556	Coor meth: M
Coor accr: S	Latlong datum: NAD27
Dec latlong datum: NAD83	District: 27
State: 27	County: 131
Country: US	Land net: SWSWSES25 T110N R21W
Location map: FARIBAULT	Map scale: 24000
Altitude: 985.00	Altitude method: M
Altitude accuracy: 5	Altitude datum: NGVD29
Hydrologic: Cannon. Minnesota. Area = 1480 sq.mi.	
Topographic: Not Reported	
Site type: Ground-water other than Spring	Date construction: 19650615
Date inventoried: Not Reported	Mean greenwich time offset: CST
Local standard time flag: Y	
Type of ground water site: Single well, other than collector or Ranney type	
Aquifer Type: Not Reported	
Aquifer: Not Reported	
Well depth: 192	Hole depth: Not Reported
Source of depth data: Not Reported	Project number: Not Reported
Real time data flag: 0	Daily flow data begin date: 0000-00-00
Daily flow data end date: 0000-00-00	Daily flow data count: 0
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00
Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 0000-00-00	Ground water data end date: 0000-00-00
Ground water data count: 0	

Ground-water levels, Number of Measurements: 0

F17
NNW
1/2 - 1 Mile
Higher

FED USGS USGS2612786

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	MN040	Site no:	441804093182501
Site name:	110N21W26DDBBBA01		
Latitude:	441804		
Longitude:	0931825	Dec lat:	44.30107472
Dec lon:	-93.30716167	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NWSESES26 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	1090	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19870721
Date inventoried:	19901211	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PRAIRIE DU CHIEN FORMATION		
Well depth:	180	Hole depth:	180
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1987-07-21	Ground water data end date:	1987-07-21
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1987-07-21	110.00	

**F18
NNW
1/2 - 1 Mile
Higher**

MN WELLS MN0000136419

Relateid:	0000436402	County c:	Rice
Unique no:	00436402	Wellname:	HEINE, THOMAS
Township:	110	Range:	21
Range dir:	W	Section:	26
Subsection:	DDBBBA	Mgsquad c:	72D
Elevation:	1090		
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:	Hartmann Well Co.
Depth drll:	180		
Depth comp:	180		
Date drll:	19870721		
Case diam:	4		
Case depth:	157		
Grout:	Well grouted, type unknown	Pollut dst:	75
Pollut dir:	W	Pollut typ:	SDF
Strat date:	19921215	Strat upd:	19921215
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	137		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

First bdrk:	OSTP	Last strat:	Prairie Du Chien Group
Ohtopunit:	OPDC	Ohbotunit:	OPDC
Aquifer:	OPDC	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:	19901211
Updt date:	19921215	Site id:	MN0000136419

Address Information:

Relateid:	0000436402	Name:	HEINE, THOMAS
Addtype c:	Both	House no:	2246
Street:	SKYLINE	Road type:	Drive
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	55021
Entry date:	19901211	Updt date:	19921215
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000436402	Drill meth:	Non-specified Rotary
Drill fluid:	Additive (+ Bentonite)	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported	Case joint:	T
Case mat:	Steel (black or low carbon)	Case type:	Single casing
Case top:	1		
Drive shoe:	Y	Screen typ:	Not Reported
Screen:	N	Ptlls mdl:	Not Reported
Ohtopfeet:	157	Csg top ok:	Not Reported
Ohbotfeet:	180	Plstc prot:	Not Reported
Screen mfg:	Not Reported	Pump inst:	N
Ptlls mfg:	MONITOR	Pump mfg:	Not Reported
Bsmt offst:	Not Reported		
Csg at grd:	Not Reported	Pump cpcty:	Not Reported
Disinfectd:	Not Reported	Variance:	Not Reported
Pump date:	Not Reported	Entry date:	19901211
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump type:	Not Reported		
Drllr name:	PETERSON, D		
Updt date:	19921215		

Construction 2 Information:

Relateid:	0000436402	Constype:	C
From depth:	0		
To depth:	157		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Information:

Relateid:	0000436402	Meas type:	Well installation
Meas date:	19870721	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	110		
Meas elev:	980		
Data src:	Hartmann Well Co.	Program:	CWI
Entry date:	19901211	Updt date:	0

Stratigraphy Information:

Relateid:	0000436402	Depth top:	0
Depth bot:	10	Drllr desc:	CLAY
Color:	YELLOW	Hardness:	SOFT
Strat:	Quaternary clay-sort undiff or unknown-yellow		
Lith prim:	Clay		
Lith sec:	Not Reported	Lith minor:	Not Reported

**G19
ESE
1/2 - 1 Mile
Higher**

MN WELLS MN0000092354

Relateid:	0000244825	County c:	Rice
Unique no:	00244825	Wellname:	NUTTING RC-1
Township:	110	Range:	21
Range dir:	W	Section:	36
Subsection:	ACDADC	Mgsquad c:	72D
Elevation:	955		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Monitor well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	MGS
Depth drll:	72		
Depth comp:	72		
Date drll:	19840829		
Case diam:	Not Reported		
Case depth:	Not Reported		
Grout:	Not Reported		
Pollut dir:	Not Reported	Pollut dst:	-999
Strat date:	19930104	Pollut typ:	Not Reported
Strat src:	Minnesota Geological Survey	Strat upd:	19930104
Strat mc:	Interpreted from core	Strat geol:	John Mossler
Depth2bdrk:	-999		
First bdrk:	OSTP	Last strat:	St.Peter
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Y	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Not Reported
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported	Entry date:	19930104
Updt date:	19930104	Site id:	MN0000092354

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address Information:

Relateid:	0000244825	Name:	NUTTING RC-1
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19930104	Updt date:	19930104
Other:	Not Reported		

Remarks Information:

Relateid:	0000244825	Seq no:	1
Remarks:	CORED FROM 38-72.3 FT.		

Stratigraphy Information:

Relateid:	0000244825	Depth top:	0
Depth bot:	38	Drllr desc:	NO RECORD
Color:	Not Reported	Hardness:	Not Reported
Strat:	NRCD		
Lith prim:	No Record		
Lith sec:	Not Reported	Lith minor:	Not Reported

**G20
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS2612877

Agency cd:	MN040	Site no:	441730093171701
Site name:	110N21W36ACDADC01		
Latitude:	441730		
Longitude:	0931717	Dec lat:	44.29163028
Dec lon:	-93.28827194	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	SESWNES36 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	955	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19840829
Date inventoried:	19930104	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	72	Hole depth:	72
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1984-08-29	Ground water data end date:	1984-08-29
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1984-08-29	0.00	

**G21
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS2612876

Agency cd:	MN040	Site no:	441730093171601
Site name:	110N21W36ACDADD01		
Latitude:	441730		
Longitude:	0931716	Dec lat:	44.29163028
Dec lon:	-93.28799417	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	SESWNES36 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	956	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19840910
Date inventoried:	19930104	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	90	Hole depth:	90
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1984-09-10	Ground water data end date:	1984-09-10
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1984-09-10	0.00	

**G22
ESE
1/2 - 1 Mile
Higher**

MN WELLS MN0000092356

Relateid:	0000244827	County c:	Rice
Unique no:	00244827	Wellname:	NUTTING W-10
Township:	110	Range:	21
Range dir:	W	Section:	36
Subsection:	ACDADD	Mgsquad c:	72D
Elevation:	956		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Monitor well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	MGS
Depth drill:	90		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth comp:	90		
Date drill:	19840910		
Case diam:	Not Reported		
Case depth:	Not Reported		
Grout:	Not Reported	Pollut dst:	-999
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19930104	Strat upd:	19930104
Strat src:	Minnesota Geological Survey	Strat geol:	John Mossler
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	-999		
First bdrk:	OPSH	Last strat:	Shakopee Fm(Prairie Du Chie
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Y	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Not Reported
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported	Entry date:	19930104
Updt date:	19930104	Site id:	MN0000092356

Address Information:

Relateid:	0000244827	Name:	NUTTING W-10
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19930104	Updt date:	19930104
Other:	Not Reported		

Remarks Information:

Relateid:	0000244827	Seq no:	1
Remarks:	CORED FROM 69.5-89.5 FT.		

Stratigraphy Information:

Relateid:	0000244827	Depth top:	0
Depth bot:	70	Drllr desc:	NO RECORD
Color:	Not Reported	Hardness:	Not Reported
Strat:	NRCD		
Lith prim:	No Record		
Lith sec:	Not Reported	Lith minor:	Not Reported

**H23
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS2612864

Agency cd:	MN040	Site no:	441722093171401
Site name:	110N21W36DABCB 01		
Latitude:	441722	Dec lat:	44.28940806
Longitude:	0931714	Coor meth:	M
Dec lon:	-93.28743861	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	131
State:	27	Land net:	NWNESES36 T110N R21W
Country:	US	Map scale:	24000
Location map:	FARIBAULT		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	1005	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19860528
Date inventoried:	19920331	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	84	Hole depth:	84
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**H24
ESE
1/2 - 1 Mile
Higher**

MN WELLS MN0000092353

Relateid:	0000244824	County c:	Rice
Unique no:	00244824	Wellname:	NUTTING W-13
Township:	110	Range:	21
Range dir:	W	Section:	36
Subsection:	DABCB	Mgsquad c:	72D
Elevation:	1005		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Test well	Loc mc:	Other, note in remarks
Loc src:	Minnesota Geological Survey	Data src:	BARR
Depth drll:	84		
Depth comp:	84		
Date drll:	19860528		
Case diam:	Not Reported		
Case depth:	Not Reported		
Grout:	Not Reported		
Pollut dir:	Not Reported	Pollut dst:	-999
Strat date:	19920406	Pollut typ:	Not Reported
Strat src:	Minnesota Geological Survey	Strat upd:	19920406
Strat mc:	Geologic study 1:24k to 1:100k	Strat geol:	John Mossler
Depth2bdrk:	31		
First bdrk:	OSTP	Last strat:	Prairie Du Chien Group
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:	Not Reported
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported	Entry date:	19920331
Updt date:	19920406	Site id:	MN0000092353

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address Information:

Relateid:	0000244824	Name:	NUTTING W-13
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19920331	Updt date:	19920406
Other:	Not Reported		

Stratigraphy Information:

Relateid:	0000244824	Depth top:	0
Depth bot:	9	Drllr desc:	SILTY SAND + GRAVEL + FILL
Color:	VARIED	Hardness:	Not Reported
Strat:	RMMF		
Lith prim:	Fill		
Lith sec:	Sand	Lith minor:	Gravel

Relateid:	0000244824	Depth top:	9
Depth bot:	22	Drllr desc:	CLAYEY SAND + GRAVEL
Color:	Not Reported	Hardness:	Not Reported
Strat:	Quaternary clay+sand_silt pebbly-sort undiff or unknown-unknown o		
Lith prim:	Sand		
Lith sec:	Clay	Lith minor:	Gravel

Relateid:	0000244824	Depth top:	22
Depth bot:	31	Drllr desc:	SAND + CLAY + GRAVEL
Color:	DARK BROWN	Hardness:	Not Reported
Strat:	Quaternary clay+sand_silt pebbly-sort undiff or unknown-brown		
Lith prim:	Sand		
Lith sec:	Clay	Lith minor:	Gravel

Relateid:	0000244824	Depth top:	31
Depth bot:	75	Drllr desc:	HOMOGENOUS FINE SAND
Color:	WHITE	Hardness:	Not Reported
Strat:	OSTP		
Lith prim:	Sandstone		
Lith sec:	Not Reported	Lith minor:	Not Reported

**H25
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS2612861

Agency cd:	MN040	Site no:	441721093171401
Site name:	110N21W36DABCCA01		
Latitude:	441721		
Longitude:	0931714	Dec lat:	44.28913028
Dec lon:	-93.28743861	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NWNESES36 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	1006	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19860514
Date inventoried:	19920331	Mean greenwich time offset:	CST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	93	Hole depth:	93
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I26
East
1/2 - 1 Mile
Higher**

FED USGS USGS2612882

Agency cd:	MN040	Site no:	441732093170901
Site name:	110N21W36ADCABA01		
Latitude:	441732		
Longitude:	0931709	Dec lat:	44.29218583
Dec lon:	-93.28604972	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	SWSENES36 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	996	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19860506
Date inventoried:	19920331	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	82	Hole depth:	82
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**H27
ESE
1/2 - 1 Mile
Higher**

MN WELLS MN0000092351

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000244822	County c:	Rice
Unique no:	00244822	Wellname:	NUTTING RC-3
Township:	110	Range:	21
Range dir:	W	Section:	36
Subsection:	DABCCA	Mgsquad c:	72D
Elevation:	1006		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Test well	Loc mc:	Other, note in remarks
Loc src:	Minnesota Geological Survey	Data src:	BARR
Depth drll:	93		
Depth comp:	93		
Date drll:	19860514		
Case diam:	Not Reported		
Case depth:	Not Reported		
Grout:	Not Reported		
Pollut dir:	Not Reported	Pollut dst:	-999
Strat date:	19920513	Pollut typ:	Not Reported
Strat src:	Minnesota Geological Survey	Strat upd:	19920513
Strat mc:	Geologic study 1:24k to 1:100k	Strat geol:	John Mossler
Depth2bdrk:	30		
First bdrk:	OSTP	Last strat:	Prairie Du Chien Group
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:	Not Reported
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported	Entry date:	19920331
Updt date:	20030106	Site id:	MN0000092351

Address Information:

Relateid:	0000244822	Name:	NUTTING RC-3
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19920331	Updt date:	19920513
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000244822	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
Ptlls mfg:	Not Reported	Ptlls 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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dropp mat:	Not Reported	Pump cpcty:	Not Reported
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	Not Reported	Entry date:	Not Reported
Updt date:	20030106		

Remarks Information:

Relateid:	0000244822	Seq no:	1
Remarks:	FROM BARR ENGINEERING REPORT TO P.C.A., REMEDIAL INVESTIGATION: THE		

Relateid:	0000244822	Seq no:	2
Remarks:	NUTTING COMPANY, FARIBAULT PROPERTY, 186.		

Stratigraphy Information:

Relateid:	0000244822	Depth top:	0
Depth bot:	10	Drllr desc:	SILTY SAND & GRAVEL & FILL
Color:	RED/BROWN	Hardness:	Not Reported
Strat:	RMMF		
Lith prim:	Fill		
Lith sec:	Sand	Lith minor:	Gravel

Relateid:	0000244822	Depth top:	10
Depth bot:	24	Drllr desc:	CLAYEY SAND & GRAVEL
Color:	Not Reported	Hardness:	Not Reported
Strat:	Quaternary clay+sand_silt pebbly-sort undiff or unknown-unknown o		
Lith prim:	Sand		
Lith sec:	Gravel	Lith minor:	Clay

Relateid:	0000244822	Depth top:	24
Depth bot:	30	Drllr desc:	WELL GRADED SAND W/ CLAY & GRAVEL
Color:	GRAY/BROWN	Hardness:	Not Reported
Strat:	Quaternary clay+sand_silt pebbly-sort undiff or unknown-unknown o		
Lith prim:	Sand		
Lith sec:	Clay	Lith minor:	Gravel

Relateid:	0000244822	Depth top:	30
Depth bot:	73	Drllr desc:	FINE SAND
Color:	WHITE	Hardness:	HARD
Strat:	OSTP		
Lith prim:	Sandstone		
Lith sec:	Not Reported	Lith minor:	Not Reported

**28
ENE
1/2 - 1 Mile
Lower**

MN WELLS MN0000227286

Relateid:	0000559735	County c:	Rice
Unique no:	00559735	Wellname:	Not Reported
Township:	110	Range:	21
Range dir:	W	Section:	36
Subsection:	AABB	Mgsquad c:	72D
Elevation:	979		
Elev mc:	Calc from DEM (USGS 7.5 min or equiv.)		
Status c:	Not Reported		
Use c:	Not Reported	Loc mc:	Not Reported
Loc src:	Not Reported	Data src:	Not Reported
Depth drll:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth comp:	Not Reported	Pollut dst:	Not Reported
Date drill:	Not Reported	Pollut typ:	Not Reported
Case diam:	Not Reported	Strat upd:	Not Reported
Case depth:	Not Reported	Strat geol:	Not Reported
Grout:	Not Reported		
Pollut dir:	Not Reported	Last strat:	Not Reported
Strat date:	Not Reported	Ohbotunit:	Not Reported
Strat src:	Not Reported	Cuttings:	Not Reported
Strat mc:	Not Reported	Bhgeophys:	Not Reported
Depth2bdrk:	Not Reported	Waterchem:	Not Reported
First bdrk:	Not Reported	Swl:	Not Reported
Ohtopunit:	Not Reported	Input src:	Minnesota Department of Health
Aquifer:	Not Reported	Entry date:	20030422
Core:	Not Reported	Site id:	MN0000227286
Geochem:	Not Reported		
Obwell:	Not Reported		
Igwis:	Not Reported		
Unused:	Not Reported		
Updt date:	20030513		

I29
East
1/2 - 1 Mile
Higher

MN WELLS MN0000092352

Relateid:	0000244823	County c:	Rice
Unique no:	00244823	Wellname:	NUTTING W-14
Township:	110	Range:	21
Range dir:	W	Section:	36
Subsection:	ADCABA	Mgsquad c:	72D
Elevation:	996		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Test well	Loc mc:	Other, note in remarks
Loc src:	Minnesota Geological Survey	Data src:	BARR
Depth drill:	82		
Depth comp:	82		
Date drill:	19860506		
Case diam:	Not Reported		
Case depth:	Not Reported		
Grout:	Not Reported	Pollut dst:	-999
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920513	Strat upd:	19920513
Strat src:	Minnesota Geological Survey	Strat geol:	John Mossler
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	47		
First bdrk:	OSTP	Last strat:	Prairie Du Chien Group
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:	Not Reported
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported	Entry date:	19920331
Updt date:	19920513	Site id:	MN0000092352

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address Information:

Relateid:	0000244823	Name:	NUTTING W-14
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19920331	Updt date:	19920513
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000244823	Drill meth:	Cable Tool
Drill fluid:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	0		
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
Ptiss mfg:	Not Reported	Ptiss 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:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported	Pump cpcy:	Not Reported
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	Not Reported	Entry date:	19920331
Updt date:	19920513		

Remarks Information:

Relateid:	0000244823	Seq no:	1
Remarks:	FROM BARR ENGINEERING REPORT TO P.C.A., REMEDIAL INVESTIGATION: THE		
Relateid:	0000244823	Seq no:	2
Remarks:	NUTTING COMPANY, FARIBAULT, 186.		

Stratigraphy Information:

Relateid:	0000244823	Depth top:	0
Depth bot:	15	Drllr desc:	STRATIFIED SAND + GRAVEL + SILT
Color:	BROWN	Hardness:	Not Reported
Strat:	Quaternary sand+gravel-sort undiff or unknown-brown		
Lith prim:	Sand		
Lith sec:	Gravel	Lith minor:	Silt
Relateid:	0000244823	Depth top:	15
Depth bot:	18	Drllr desc:	SAND + CLAYEY STRATA, TILL BALLS
Color:	BROWN	Hardness:	Not Reported
Strat:	Quaternary clay+sand_silt pebbly-sort undiff or unknown-brown		
Lith prim:	Sand		
Lith sec:	Clay	Lith minor:	Gravel

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000244823	Depth top:	18
Depth bot:	47	Drllr desc:	SAND, BOULDERS, & GRAVEL
Color:	BROWN	Hardness:	Not Reported
Strat:	Wisconsinan silt+sand or gravel no clay-unsorted-brown		
Lith prim:	Sand	Lith minor:	Gravel
Lith sec:	Boulder		
Relateid:	0000244823	Depth top:	47
Depth bot:	58	Drllr desc:	MED-FINE QUARTZ SAND
Color:	WHITE/YELLOW	Hardness:	Not Reported
Strat:	OSTP		
Lith prim:	Sandstone	Lith minor:	Not Reported
Lith sec:	Not Reported		

**J30
South
1/2 - 1 Mile
Higher**

FED USGS USGS2612982

Agency cd:	MN040	Site no:	441659093181001
Site name:	109N21W 2AAAAAC01		
Latitude:	441659		
Longitude:	0931810	Dec lat:	44.28301917
Dec lon:	-93.30299472	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NENENES 2 T109N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	1018	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19861105
Date inventoried:	19901211	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PRAIRIE DU CHIEN FORMATION		
Well depth:	200	Hole depth:	200
Source of depth data:	Not Reported		
Real time data flag:	0		
Daily flow data begin date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1986-11-05	Ground water data end date:	1986-11-05
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1986-11-05	42.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

J31
South
1/2 - 1 Mile
Higher

MN WELLS MN0000129340

Relateid:	0000427119	County c:	Rice
Unique no:	00427119	Wellname:	DE GROOD, GEORGE
Township:	109	Range:	21
Range dir:	W	Section:	2
Subsection:	AAAAAC	Mgsquad c:	72D
Elevation:	1018		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Domestic	Loc mc:	Address verification
Loc src:	Minnesota Geological Survey	Data src:	Hartmann Well Co.
Depth drll:	200		
Depth comp:	200		
Date drll:	19861105		
Case diam:	4		
Case depth:	176		
Grout:	Well grouted, type unknown	Pollut dst:	100
Pollut dir:	NE	Pollut typ:	SDF
Strat date:	19920424	Strat upd:	19920424
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	76		
First bdrk:	OPDC	Last strat:	Prairie Du Chien Group
Ohtopunit:	OPDC	Ohbotunit:	OPDC
Aquifer:	OPDC	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:	19901211
Updt date:	19920424	Site id:	MN0000129340

Address Information:

Relateid:	0000427119	Name:	DE GROOD, GEORGE
Addtype c:	Both	House no:	20960
Street:	BAGLEY	Road type:	Way
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	55021
Entry date:	19901211	Updt date:	19920424
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000427119	Drill meth:	Non-specified Rotary
Drill fluid:	Additive (+ Bentonite)	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	W
Case top:	1		
Drive shoe:	Y	Case type:	Single casing
Screen:	N		
Ohtopfeet:	176		
Ohbotfeet:	200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlls mfg:	MONITOR	Ptlls 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:	Not Reported
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported	Pump cpcty:	Not Reported
Pump type:	Submersible	Variance:	Not Reported
Drllr name:	JAECHELS, R.	Entry date:	19901211
Updt date:	19920424		

Construction 2 Information:

Relateid:	0000427119	Constype:	C
From depth:	0		
To depth:	176		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Well Information:

Relateid:	0000427119	Meas type:	Well installation
Meas date:	19861105	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	42		
Meas elev:	976		
Data src:	Hartmann Well Co.	Program:	CWI
Entry date:	19901211	Updt date:	0

Stratigraphy Information:

Relateid:	0000427119	Depth top:	0
Depth bot:	6	Drllr desc:	CLAY
Color:	YELLOW	Hardness:	MEDIUM
Strat:	Quaternary clay-sort undiff or unknown-yellow		
Lith prim:	Clay		
Lith sec:	Not Reported	Lith minor:	Not Reported

32
ENE
1/2 - 1 Mile
Lower

FED USGS USGS2612767

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	441754093170501
Site name:	110N21W25DDD		
Latitude:	441754		
Longitude:	931705	Dec lat:	44.29829694
Dec lon:	-93.28493861	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	SESESES25 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	1000.00	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19470101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	359	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data begin date:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Water quality data count:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**33
SW
1/2 - 1 Mile
Higher**

MN WELLS MN0000086890

Relateid:	0000236824	County c:	Rice
Unique no:	00236824	Wellname:	FARIBAULT CALVARY CEMETA
Township:	110	Range:	21
Range dir:	W	Section:	35
Subsection:	DCCBCD	Mgsquad c:	72D
Elevation:	1051		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Not Reported	Loc mc:	Name on mailbox
Loc src:	Minnesota Geological Survey	Data src:	Hartmann Well Co.
Depth drill:	115		
Depth comp:	115		
Date drill:	19660715		
Case diam:	5		
Case depth:	100		
Grout:	Not Reported	Pollut dst:	-999
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920413	Strat upd:	19920413
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	65		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

First bdrk:	OSTP	Last strat:	Prairie Du Chien Group
Ohtopunit:	OSTP	Ohbotunit:	OPDC
Aquifer:	OSPC	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:	19880417
Updt date:	19920413	Site id:	MN0000086890

Address Information:

Relateid:	0000236824	Name:	FARIBAULT CALVARY CEMETA
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19880417	Updt date:	19920413
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000236824	Drill meth:	Non-specified Rotary
Drill fluid:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported	Case joint:	Not Reported
Case mat:	Steel (black or low carbon)	Case type:	Single casing
Case top:	0		
Drive shoe:	Not Reported	Screen typ:	Not Reported
Screen:	N	Ptlls mdl:	Not Reported
Ohtopfeet:	100	Csg top ok:	Not Reported
Ohbotfeet:	115	Plstc prot:	Not Reported
Screen mfg:	Not Reported	Pump inst:	Not Reported
Ptlls mfg:	Not Reported	Pump mfg:	Not Reported
Bsmt offst:	Not Reported		
Csg at grd:	Not Reported	Pump cpcty:	Not Reported
Disinfectd:	Not Reported	Variance:	Not Reported
Pump date:	Not Reported	Entry date:	19880417
Pump model:	Not Reported		
Pump hp:	0		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump type:	Not Reported		
Drllr name:	Not Reported		
Updt date:	19920413		

Construction 2 Information:

Relateid:	0000236824	Constype:	C
From depth:	0		
To depth:	100		
Diameter:	5		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Information:

Relateid:	0000236824	Meas type:	Well installation
Meas date:	19660715	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	81		
Meas elev:	970		
Data src:	Hartmann Well Co.	Program:	CWI
Entry date:	19880417	Updt date:	0

Stratigraphy Information:

Relateid:	0000236824	Depth top:	0
Depth bot:	30	Drllr desc:	SAND & CLAY
Color:	Not Reported	Hardness:	Not Reported
Strat:	Quaternary clay+sand-sort undiff or unknown-unknown or unspecifie		
Lith prim:	Sand		
Lith sec:	Clay	Lith minor:	Not Reported

**K34
WNW
1/2 - 1 Mile
Higher**

MN WELLS MN0000133486

Relateid:	0000432879	County c:	Rice
Unique no:	00432879	Wellname:	CARON, LOUIE
Township:	110	Range:	21
Range dir:	W	Section:	26
Subsection:	CDBADC	Mgsquad c:	72D
Elevation:	988		
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:	Kaderlik Well Co.
Depth drll:	64		
Depth comp:	64		
Date drll:	19840000		
Case diam:	4		
Case depth:	51		
Grout:	Not Reported	Pollut dst:	75
Pollut dir:	S	Pollut typ:	SDF
Strat date:	19920225	Strat upd:	19920225
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	51		
First bdrk:	OPDC	Last strat:	Prairie Du Chien Group
Ohtopunit:	OPDC	Ohbotunit:	OPDC
Aquifer:	OPDC	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:	19901212
Updt date:	19920225	Site id:	MN0000133486

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address Information:

Relateid:	0000432879	Name:	CARON, LOUIE
Addtype c:	Both	House no:	8TH
Street:	3RD	Road type:	Avenue
Road dir:	Northwest	City:	FARIBAULT
State:	MN	Zipcode:	55021
Entry date:	19901212	Updt date:	19920225
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000432879	Drill meth:	Non-specified Rotary
Drill fluid:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	T
Case top:	1		
Drive shoe:	Y	Case type:	Single casing
Screen:	N		
Ohtopfeet:	51		
Ohbotfeet:	64		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptiss mfg:	MERRILL	Ptiss 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:	N
Pump date:	Not Reported	Pump mfg:	Not Reported
Pump model:	Not Reported		
Pump hp:	0		
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:	KADERLIK, C.	Entry date:	19901212
Updt date:	19920225		

Construction 2 Information:

Relateid:	0000432879	Constype:	C
From depth:	0		
To depth:	51		
Diameter:	4		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Well Information:

Relateid:	0000432879	Meas type:	Well installation
Meas date:	1984	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measuremt:	6		
Meas elev:	982		
Data src:	Kaderlik Well Co.	Program:	CWI
Entry date:	19901212	Updt date:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Stratigraphy Information:

Relateid:	0000432879	Depth top:	0
Depth bot:	51	Drllr desc:	SAND
Color:	BROWN	Hardness:	Not Reported
Strat:	Quaternary sand-sort undiff or unknown-brown		
Lith prim:	Sand		
Lith sec:	Not Reported	Lith minor:	Not Reported

**K35
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS2612778

Agency cd:	MN040	Site no:	441802093185701
Site name:	110N21W26CDBADC01		
Latitude:	441802		
Longitude:	0931857	Dec lat:	44.30051917
Dec lon:	-93.31605111	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NWSEWS26 T110N R21W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	988	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1984
Date inventoried:	19901212	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PRAIRIE DU CHIEN FORMATION		
Well depth:	64	Hole depth:	64
Source of depth data:	Not Reported		
Real time data flag:	0		
Daily flow data begin date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1984-00-00	Ground water data end date:	1984-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1984	6.00	

**36
ENE
1/2 - 1 Mile
Lower**

MN WELLS MN0000227287

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Relateid:	0000559736	County c:	Not Reported
Unique no:	00559736	Wellname:	Not Reported
Township:	Not Reported	Range:	Not Reported
Range dir:	Not Reported	Section:	Not Reported
Subsection:	Not Reported	Mgsquad c:	Not Reported
Elevation:	Not Reported		
Elev mc:	Not Reported		
Status c:	Not Reported		
Use c:	Not Reported	Loc mc:	Not Reported
Loc src:	Not Reported	Data src:	Not Reported
Depth drll:	Not Reported		
Depth comp:	Not Reported		
Date drll:	Not Reported		
Case diam:	Not Reported		
Case depth:	Not Reported		
Grout:	Not Reported	Pollut dst:	Not Reported
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	Not Reported	Strat upd:	Not Reported
Strat src:	Not Reported	Strat geol:	Not Reported
Strat mc:	Not Reported		
Depth2bdrk:	Not Reported		
First bdrk:	Not Reported	Last strat:	Not Reported
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:	Not Reported
Igwis:	Not Reported	Input src:	Minnesota Department of Health
Unused:	Not Reported	Entry date:	20030422
Updt date:	Not Reported	Site id:	MN0000227287

**L37
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS2612766

Agency cd:	MN040	Site no:	441754093165601
Site name:	110N20W30CCCCCB01		
Latitude:	441754		
Longitude:	0931656	Dec lat:	44.29829694
Dec lon:	-93.28243861	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	SWSWSWS30 T110N R20W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	989	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1986
Date inventoried:	19930104	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	55	Hole depth:	55
Source of depth data:	Not Reported	Project number:	462714100
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1986-00-00
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1986-00-00

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1986	0.00	

**L38
 ENE
 1/2 - 1 Mile
 Higher**

MN WELLS MN0000092355

Relateid:	0000244826	County c:	Rice
Unique no:	00244826	Wellname:	NUTTING RC-2
Township:	110	Range:	20
Range dir:	W	Section:	30
Subsection:	CCCCCB	Mgsquad c:	72D
Elevation:	989		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Unknown		
Use c:	Monitor well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	MGS
Depth drill:	55		
Depth comp:	55		
Date drill:	19860000		
Case diam:	Not Reported		
Case depth:	Not Reported		
Grout:	Not Reported	Pollut dst:	-999
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19930104	Strat upd:	19930104
Strat src:	Minnesota Geological Survey	Strat geol:	John Mossler
Strat mc:	Interpreted from core		
Depth2bdrk:	-999		
First bdrk:	OSTP	Last strat:	St.Peter
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Not Reported
Core:	Y	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	Not Reported
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported	Entry date:	19930104
Updt date:	19930104	Site id:	MN0000092355

Address Information:

Relateid:	0000244826	Name:	NUTTING RC-2
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19930104	Updt date:	19930104
Other:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	MN040	Site no:	441754093165503
Site name:	110N20W30CCCCAC03		
Latitude:	441754		
Longitude:	0931655	Dec lat:	44.29829694
Dec lon:	-93.28216083	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	SWSWSWS30 T110N R20W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	980	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	18950000
Date inventoried:	19880417	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	1000	Hole depth:	1000
Source of depth data:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data begin date:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data end date:	Not Reported		
Water quality data count:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**L41
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS2612758

Agency cd:	MN040	Site no:	441752093165402
Site name:	110N20W31BBBBBA02		
Latitude:	441752		
Longitude:	0931654	Dec lat:	44.29774139
Dec lon:	-93.28188306	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NWNWNWS31 T110N R20W
Location map:	FARIBAULT	Map scale:	24000
Altitude:	980	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19120900
Date inventoried:	19880417	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PRAIRE DU CHIEN-JORDAN AQUIFER		
Well depth:	410	Hole depth:	1482
Source of depth data:	Not Reported		
Real time data flag:	0	Project number:	462714100
Daily flow data begin date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1970-06-00
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1970-06-00

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1970-06	13.00	

**M42
 WSW
 1/2 - 1 Mile
 Higher**

MN WELLS MN0000086889

Relateid:	0000236823	County c:	Rice
Unique no:	00236823	Wellname:	HOYSLER, LAYTON
Township:	110	Range:	21
Range dir:	W	Section:	35
Subsection:	CBADCC	Mgsquad c:	72D
Elevation:	991		
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:	Hartmann Well Co.
Depth drill:	130		
Depth comp:	130		
Date drill:	19680518		
Case diam:	5		
Case depth:	52		
Grout:	Not Reported	Pollut dst:	-999
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920406	Strat upd:	19920406
Strat src:	Minnesota Geological Survey	Strat geol:	Emily Bauer
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	51		
First bdrk:	OPDC	Last strat:	Prairie Du Chien Group
Ohtopunit:	OPDC	Ohbotunit:	OPDC
Aquifer:	OPDC	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:	19880417
Updt date:	19920406	Site id:	MN0000086889

Address Information:

Relateid:	0000236823	Name:	HOYSLER, LAYTON
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	FARIBAULT
State:	MN	Zipcode:	Not Reported
Entry date:	19880417	Updt date:	19920406
Other:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction 1 Information:

Relateid:	0000236823	Drill meth:	Non-specified Rotary
Drill fluid:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Steel (black or low carbon)	Case joint:	Not Reported
Case top:	0		
Drive shoe:	Not Reported	Case type:	Single casing
Screen:	N		
Ohtopfeet:	52		
Ohbotfeet:	130		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlls mfg:	Not Reported	Ptlls 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:	0		
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:	Not Reported	Entry date:	19880417
Updt date:	19920406		

Construction 2 Information:

Relateid:	0000236823	Constype:	C
From depth:	0		
To depth:	52		
Diameter:	5		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Well Information:

Relateid:	0000236823	Meas type:	Well installation
Meas date:	19680518	Meas time:	Not Reported
M pt code:	Land surface		
Meas point:	0		
Measurement:	13		
Meas elev:	978		
Data src:	Hartmann Well Co.	Program:	CWI
Entry date:	19880417	Updt date:	0

Pump Test Information:

Relateid:	0000236823	Pumptestid:	1
Test date:	19680518		
Start meas:	13		
Flow rate:	114		
Duration:	Not Reported		
Pump meas:	37		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Stratigraphy Information:

Relateid:	0000236823	Depth top:	0
Depth bot:	51	Drllr desc:	SAND & GRAVEL
Color:	Not Reported	Hardness:	Not Reported
Strat:	Quaternary sand+gravel-sort undiff or unknown-unknown or unspecif		
Lith prim:	Sand	Lith minor:	Not Reported
Lith sec:	Gravel		

**M43
WSW
1/2 - 1 Mile
Higher**

FED USGS USGS2612857

Agency cd:	MN040	Site no:	441719093190901
Site name:	110N21W35CBADCC01		
Latitude:	441719		
Longitude:	0931909	Dec lat:	44.28857472
Dec lon:	-93.31938417	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	131
Country:	US	Land net:	NENWSWS35 T110N R21W
Location map:	FARIBAUT	Map scale:	24000
Altitude:	991	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Cannon. Minnesota. Area = 1480 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19680518
Date inventoried:	19880417	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PRAIRIE DU CHIEN FORMATION		
Well depth:	130	Hole depth:	130
Source of depth data:	Not Reported		
Real time data flag:	0		
Daily flow data begin date:	0000-00-00		
Daily flow data end date:	0000-00-00		
Peak flow data begin date:	0000-00-00		
Peak flow data end date:	0000-00-00		
Peak flow data count:	0		
Water quality data begin date:	0000-00-00		
Water quality data end date:	0000-00-00		
Water quality data count:	0		
Ground water data begin date:	1968-05-18		
Ground water data end date:	1968-05-18		
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1968-05-18	13.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MN Radon

Radon Test Results

County	Num Sites	< Pci/L	>= 4 Pci/L	% >= 4 Pci/L
RICE	420	197	223	53%

Federal EPA Radon Zone for RICE 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: 55021

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	9.060 pCi/L	0%	100%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 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 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

**GEN Beebe USARC/AMSA 111
2118 HIGHWAY 60
FARIBAULT, MN 55021**

Inquiry Number: 1714247.60

Thursday, July 13, 2006

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.

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

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1945 through 1996. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: July 13, 2006

Target Property:

2118 HIGHWAY 60
FARIBAULT, MN 55021

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Street Not Listed in Research Source	Polk's City Directory
1950	Street Not Listed in Research Source	Polk's City Directory
1955	Street Not Listed in Research Source	Polk's City Directory
1960	Street Not Listed in Research Source	Polk's City Directory
1965	Address Not Listed in Research Source	Polk's City Directory
1970	Address Not Listed in Research Source	Polk's City Directory
1976	Address Not Listed in Research Source	Polk's City Directory
1981	Address Not Listed in Research Source	Polk's City Directory
1986	Address Not Listed in Research Source	Polk's City Directory
1991	Address Not Listed in Research Source	Polk's City Directory
1996	Address Not Listed in Research Source	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
FARIBAULT, MN 55021

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Street Not Listed in Research Source	Polk's City Directory
1950	Street Not Listed in Research Source	Polk's City Directory
1955	Street Not Listed in Research Source	Polk's City Directory
1960	Street Not Listed in Research Source	Polk's City Directory
1965	<u>**STATE HWY 60**</u>	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1965	Eagles Aeries Lodge 1460 (2028)	Polk's City Directory
	- No additional listings (2000-2299)	Polk's City Directory
1970	<u>**STATE HWY 60**</u>	Polk's City Directory
	- No listings (2000-2299)	Polk's City Directory
1976	<u>**STATE HWY 60**</u>	Polk's City Directory
	- No listings (2000-2299)	Polk's City Directory
1981	<u>**STATE HWY 60**</u>	Polk's City Directory
	- No listings (2000-2299)	Polk's City Directory
1986	<u>**STATE HWY 60**</u>	Polk's City Directory
	- No listings (2000-2299)	Polk's City Directory
1991	<u>**STATE HWY 60**</u>	Polk's City Directory
	- No listings (2000-2299)	Polk's City Directory
1996	<u>**STATE HWY 60**</u>	Polk's City Directory
	- No listings (2000-2299)	Polk's City Directory